

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

EXPERIMENTAL

(Nature of Service)

WL2XGM

(Call Sign)

XC MO

(Class of Station)

0716-EX-CN-2020

(File Number)

NAME R2 Space, Inc.

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(c) of the Commission's Rules

Station Locations

- (1) MOBILE: Area Near Ann Arbor, MI, within 90 km, centered around NL 42-16-39; WL 83-45-15
- (2) MOBILE: Near Willow Run Airport, Van Buren Chtr Tnshp, MI, within 90 km, centered around NL 42-14-03; WL 83-31-22
- (3) MOBILE: Area near Camp Grayling, within 90 km, centered around NL 44-37-52; WL 84-48-24

Frequency Information

MOBILE: Area Near Ann Arbor, MI, within 90 km, centered around NL 42-16-39; WL 83-45-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
9.2-10.5 GHz	MO	800MQ7N	977.23 kW (ERP)	

This authorization effective October 07, 2020 and
will expire 3:00 A.M. EST October 01, 2022

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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) This authorization is issued for the express purpose of conducting experimental operations described in the related application and required by the U.S. Government. The use of this radio station in any other manner or for any other purpose will constitute a violation of the privileges herein authorized. Except as subsequently authorized by the Commission, this radio station shall not be operated after the expiration date of the contract designated in the related application and enumerated above.
- (5) The authorized station must be in compliance with environmental requirement set forth in Section 1.1307 of the Commission's Rules.
- (6) The stop buzzer point of contact is Chris Coleman at (734) 863-4933.