

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

EXPERIMENTAL

(Nature of Service)

XD FX MO

(Class of Station)

WQ2XQG

(Call Sign)

0527-EX-CN-2026

(File Number)

NAME Matthew Stochelski, SP

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) Lombard, IL - NL 41-50-41; WL 87-59-46; MOBILE: Lombard, IL, within 0.5 km, centered around NL 41-50-41; WL 87-59-46

Frequency Information

Lombard, IL - NL 41-50-41; WL 87-59-46; MOBILE: Lombard, IL, within 0.5 km, centered around NL 41-50-41; WL 87-59-46

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
433.05-434.79 MHz	MO	1M73W7D	100 mW (ERP)	0.01 %
840.5-845 MHz	MO	4M50W7D	100 mW (ERP)	0.01 %
902-928 MHz	MO	25M9W7D	100 mW (ERP)	0.01 %
2.4-2.4835 GHz	MO	83M0W7D	100 mW (ERP)	0.01 %

This authorization effective August 06, 2026 and
will expire 3:00 A.M. ET August 01, 2027

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Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.725-5.875 GHz	MO	100MW7D	100 mW (ERP)	0.01 %

Special Conditions:

- (1) In lieu of frequency tolerance, the occupied bandwidth of the emission shall not extend beyond the band limits set forth above.
- (2) Prior to equipment authorization or a determination of compliance, the device must be accompanied by a conspicuous notice worded as follows: "This device has not been authorized as required by the rules of the Federal Communications Commission. This device is not, and may not be, offered for sale or lease, or sold or leased, until authorization is obtained."
- (3) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/resources/frequency-coordination/> to find the appropriate coordinator.
- (4) Prior to commencing any operations in the frequencies below, the licensee must obtain consent from the following within 20 miles of the contours of the testing area:
--Cellular licensees (824-849 MHz/869-894 MHz)
--Location & Monitoring Service licensees (902-928 MHz)
- (5) Operations within 47 CFR Part 90 bands must comply with all applicable rules under Part 90, including but not limited to, the requirements for protecting centralized trunked incumbents as specified in section 90.187.
- (6) Coordinate with the Fixed Microwave Service licensees in the proposed venues prior to operation in the frequencies from 2450 MHz to 2483.5 MHz.