

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

EXPERIMENTAL
(Nature of Service)

XT MO
(Class of Station)

WQ2XPF
(Call Sign)

0652-EX-CN-2026
(File Number)

NAME Ironwave Technologies 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(h) of the Commission's Rules

Station Locations

- (1) MOBILE: One Patriot Place, Foxborough, MA 02035, within 20 km, centered around NL 42-05-36; WL 71-15-49

Frequency Information

MOBILE: One Patriot Place, Foxborough, MA 02035, within 20 km, centered around NL 42-05-36; WL 71-15-49

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
10-10.5 GHz	MO	50M0F3N	15 W (ERP)	1.0E-6 %

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) 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) When operating with a TX beam below 20 degrees relative to the local horizontal plan, applicant must blank the sector withing +/- 7.5 degrees of the pointing vector toward 42-36-47 N/ 71-29-38 W.
- (4) Stop buzzer, Gary Laskowski (860) 729-5568.
- (5) Upon notification from the FCC, operation on this assignment is subject to immediate cessation, if it causes harmful interference to NASA operations assignments.

This authorization effective July 29, 2026 and
will expire 3:00 A.M. ET February 01, 2028

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