

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

EXPERIMENTAL
(Nature of Service)

XD FX
(Class of Station)

WQ2XMY
(Call Sign)

0480-EX-CN-2026
(File Number)

NAME Shield AI

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) Newton (HARVEY), KS - NL 38-03-25; WL 97-16-30
Frequency Information

Newton (HARVEY), KS - NL 38-03-25; WL 97-16-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
425-425.1 MHz	FX	99K0G1D	3.3 W (ERP)	0.00002 %
2025-2065 MHz	FX	14M0G1D	3.3 W (ERP)	1.0E-6 %
2070-2110 MHz	FX	14M0G1D 14M0G1C	3.3 W (ERP)	1.0E-6 %
2455-2535 MHz	FX	14M0G1D	3.3 W (ERP)	0.00002 %

This authorization effective July 07, 2026 and
will expire 3:00 A.M. EST July 01, 2027

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

Newton (HARVEY), KS - NL 38-03-25; WL 97-16-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2570-2650 MHz	FX	14M0G1D	3.3 W (ERP)	0.00002 %
		14M0G1D		
		14M0G1D		
4520-4560 MHz	FX	14M0G1D	3.3 W (ERP)	0.00002 %
		14M0G1D		
4680-4720 MHz	FX	14M0G1D	3.3 W (ERP)	0.00002 %
		14M0G1D		

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (3) The stop buzzer is David Welch, david.welch@shield.ai, 931-241-1219.