

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XQQ

(Call Sign)

0269-EX-CN-2021

(File Number)

NAME In-Q-Tel Labs, 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(j) of the Commission's Rules

Station Locations

- (1) Arlington (ARLINGTON), VA - NL 38-53-29; WL 77-05-06
- (2) Portland (MULTNOMAH), OR - NL 45-34-11; WL 122-38-50
- (3) CROWNSVILLE (ANNE ARUNDEL), MD - NL 39-02-08; WL 76-39-20

Frequency Information

Arlington (ARLINGTON), VA - NL 38-53-29; WL 77-05-06

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
734-746 MHz	FX	9M00D7W 9M00G7D	35.4 mW (ERP)	0.01 %
936-948 MHz	FX	9M00D7W 9M00G7D	35.4 mW (ERP)	0.01 %
2126-2138 MHz	FX	9M00D7W 9M00G7D	35.4 mW (ERP)	0.01 %

This authorization effective June 02, 2021 and
will expire 3:00 A.M. EST June 01, 2023

**FEDERAL
COMMUNICATIONS
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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) Stop Buzzer is Eric Mair at 410-570-1777
- (4) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 20 miles of the contours of the testing area:

- 700 MHz Lower Band "B" block licensees (704-710 MHz/734-740 MHz)
- 700 MHz Lower Band "C" block licensees (710-716 MHz/740-746 MHz)
- SMR licensees (896-901 MHz/935-940 MHz)
- B/ILT licensees (896-901 MHz/935-940 MHz)
- Narrowband PCS licensees (901-902/930-931/940-941 MHz)

Special Conditions:

- (5) In-Q-Tel Labs, LLC shall secure consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to 2126-2138 MHz band.
- (6) In-Q-Tel Labs, LLC shall coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in 936-948 MHz band.
- (7) In-Q-Tel Labs, LLC shall coordinate with Fixed Microwave Service licensees in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 936-948 MHz band.