

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

EXPERIMENTAL

(Nature of Service)

XT FX

(Class of Station)

WL2XXQ

(Call Sign)

0551-EX-CN-2021

(File Number)

NAME Parallel Wireless, 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(J) of the Commission's Rules

Station Locations

- (1) Nashua (HILLSBOROUGH), NH - NL 42-42-49; WL 71-27-31
- (2) Nashua (HILLSBOROUGH), NH - NL 42-42-49; WL 71-27-31
- (3) Nashua (HILLSBOROUGH), NH - NL 42-42-49; WL 71-27-31

Frequency Information

Nashua (HILLSBOROUGH), NH - NL 42-42-49; WL 71-27-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2110-2170 MHz	FX	10M0G7W 10M0F9W	109 W (ERP)	5.0E-6 %

Nashua (HILLSBOROUGH), NH - NL 42-42-49; WL 71-27-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1805-1880 MHz	FX	10M0F9W	109 W (ERP)	5.0E-6 %

This authorization effective July 16, 2021 and
will expire 3:00 A.M. EST August 01, 2023

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Nashua (HILLSBOROUGH), NH - NL 42-42-49; WL 71-27-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
925-960 MHz	FX	10M0G9W 10M0F9W 5M00G7W	109 W (ERP)	5.0E-6 %

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) Operation is subject to prior coordination with the local Society of Broadcast Engineers, Inc. (SBE) frequency coordinator. Consult the list at <http://sbe.org/wp-content/uploads/freqcoor.pdf> to find the appropriate coordinator.
- (3) Prior to commencing any operations in the frequencies below, the experimental licensee must obtain consent from the following within 50 miles of the contours of the testing area:
 - 700 MHz Guard Band licensees (775-776 MHz/805-806 MHz)
 - SMR/ESMR licensees (809-824 MHz/854-869 MHz)
 - B/ILT licensees (809-824 MHz/854-869 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)
 - Location & Monitoring Service licensees (902-928 MHz)
 - Paging Service licensees in 929 MHz and 931 MHz
 - Broadband PCS licensees (1850-1910 MHz/1930-1990 MHz)
- (4) Experimental licensee must secure consents from the Advanced Wireless Service licensees in the proposed area prior to accessing to the frequency range from 2110 to 2170 MHz.
- (5) Experimental licensee must coordinate with the local Society of Broadcast Engineers frequency coordinator prior to operation in frequency band from 941MHz to 960 MHz.
- (6) Experimental licensee must coordinate with Fixed Microwave Service licensees in the proposed venue in accordance with 47 C.F.R, Part 101.103(d) prior to operation in 925-960 MHz band.
- (7) Experimental licensee must notch out the following frequency band.
 - a. 800 - 821 MHz