

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

EXPERIMENTAL

(Nature of Service)

XT FX MO

(Class of Station)

WH2XQT

(Call Sign)

0129-EX-ML-2015

(File Number)

NAME Spire Global, 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 & k) of the Commission's Rules

Station Locations

- (1) San Francisco (SAN FRANCISCO), CA - NL 37-46-22; WL 122-24-27
- (2) MOBILE: Range of Orbits (described in Narrative)
- (3) Shady Shores (DENTON), TX - NL 33-09-21; WL 97-01-59
- (4) San Francisco (SAN FRANCISCO), CA - NL 37-46-16; WL 122-24-51
- (5) Boca Raton (PALM BEACH), FL - NL 26-23-17; WL 80-06-31
- (6) Anchorage (Anchorage), AK - NL 61-08-46; WL 149-50-18
- (7) Juneau (Juneau), AK - NL 58-21-51; WL 134-36-23
- (8) Hartford (HARTFORD), CT - NL 41-44-42; WL 72-39-54
- (9) Ellicott (EL PASO), CO - NL 38-52-28; WL 104-24-34
- (10) Naalehu (HAWAII), HI - NL 18-56-24; WL 155-40-54
- (11) Guam, GU - NL 13-24-43; WL 144-43-32
- (12) U.S. Virgin Islands, VI - NL 18-20-22; WL 64-53-30

Frequency Information

San Francisco (SAN FRANCISCO), CA - NL 37-46-22; WL 122-24-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

This authorization effective July 17, 2015 and
will expire 3:00 A.M. EST June 01, 2017

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Range of Orbits (described in Narrative)

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	MO	2K50F1D	2 W (ERP)	0.01 %
2.02-2.025 GHz	MO	4M50G1D	3.981072 W (ERP)	0.00025 %
2.4-2.48 GHz	MO	4M50G1D	3.981072 W (ERP)	0.00025 %

Shady Shores (DENTON), TX - NL 33-09-21; WL 97-01-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

San Francisco (SAN FRANCISCO), CA - NL 37-46-16; WL 122-24-51

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Boca Raton (PALM BEACH), FL - NL 26-23-17; WL 80-06-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Frequency Information

Anchorage (Anchorage), AK - NL 61-08-46; WL 149-50-18

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Juneau (Juneau), AK - NL 58-21-51; WL 134-36-23

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Hartford (HARTFORD), CT - NL 41-44-42; WL 72-39-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Ellicott (EL PASO), CO - NL 38-52-28; WL 104-24-34

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Frequency Information

Naalehu (HAWAII), HI - NL 18-56-24; WL 155-40-54

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Guam, GU - NL 13-24-43; WL 144-43-32

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

U.S. Virgin Islands, VI - NL 18-20-22; WL 64-53-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	FX	5K00F1D	82 W (ERP)	0.01 %

Special Conditions:

- (1) Following launch of the satellites, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellites (transmissions commenced, etc.), not later than 7 days after commencement or expected commencement of transmissions, and of termination of transmissions, not later than three months after such termination.
- (2) This license authorizes the second launch of 4 satellites. Subsequent launches of satellites should be filed separately.