

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

EXPERIMENTAL

(Nature of Service)

WG2XXW

(Call Sign)

XT FX MO

(Class of Station)

0532-EX-PL-2013

(File Number)

NAME NanoSatisfi 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(i) of the Commission's Rules

Station Locations

- (1) San Francisco (SAN FRANCISCO), CA - NL 37-46-34; WL 122-23-52
- (2) New York (NEW YORK), NY - NL 40-43-24; WL 73-58-32
- (3) MOBILE: NONGEOSTATIONARY
- (4) Shady Shores (DENTON), TX - NL 33-09-22; WL 97-01-46
- (5) Sandy (SALT LAKE), UT - NL 40-34-20; WL 111-51-35
- (6) Chicago (COOK), IL - NL 41-52-40; WL 87-37-44
- (7) Hawaii (HAWAII), HI - NL 19-31-56; WL 155-40-02
- (8) Chelmsford (MIDDLESEX), MA - NL 42-34-01; WL 71-20-44

Frequency Information

San Francisco (SAN FRANCISCO), CA - NL 37-46-34; WL 122-23-52

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

This authorization effective December 06, 2013 and
will expire 3:00 A.M. EST December 01, 2015

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

New York (NEW YORK), NY - NL 40-43-24; WL 73-58-32

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

MOBILE: NONGEOSTATIONARY

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
400-403 MHz	MO	25K0F1D	2 W (ERP)	0.01 %
2.4-2.48 GHz	MO	3M20F1D	2.31823 W (ERP)	0.00098361 %

Shady Shores (DENTON), TX - NL 33-09-22; WL 97-01-46

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

Sandy (SALT LAKE), UT - NL 40-34-20; WL 111-51-35

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

Frequency Information

Chicago (COOK), IL - NL 41-52-40; WL 87-37-44

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

Hawaii (HAWAII), HI - NL 19-31-56; WL 155-40-02

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

Chelmsford (MIDDLESEX), MA - NL 42-34-01; WL 71-20-44

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 satellite, the licensee must notify the FCC through electronic submission to the license file, of the status of the satellite (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 authorization is solely for this single mission related to ArduSat2. Future satellites and launches will need to be submitted for review and approval on a case by case basis.