

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

EXPERIMENTAL
(Nature of Service)

XT FX MO
(Class of Station)

WL2XOW
(Call Sign)

0188-EX-CM-2021
(File Number)

NAME Thingy, 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(h) of the Commission's Rules

Station Locations

- (1) Bellevue (KING), WA - NL 47-36-52; WL 122-11-19; MOBILE:within 15 km, centered around NL 47-36-52; WL 122-11-19
- (2) Yakima (YAKIMA), WA - NL 46-18-08; WL 120-31-38; MOBILE:within 15 km, centered around NL 46-18-08; WL 120-31-38
- (3) Lompoc (SANTA BARBARA), CA - NL 34-38-30; WL 120-26-24; MOBILE:within 15 km, centered around NL 34-38-30; WL 120-26-24
- (4) San Francisco (SAN FRANCISCO), CA - NL 37-45-28; WL 122-26-43; MOBILE:within 15 km, centered around NL 37-45-28; WL 122-26-43

Frequency Information

Bellevue (KING), WA - NL 47-36-52; WL 122-11-19; MOBILE:within 15 km, centered around NL 47-36-52; WL 122-11-19

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	350KF1D 1M50F1D	1 W (ERP)	0.01 %

This authorization effective February 02, 2022 and
will expire 3:00 A.M. EST August 01, 2023

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Frequency Information

Yakima (YAKIMA), WA - NL 46-18-08; WL 120-31-38; MOBILE:within 15 km, centered around NL 46-18-08; WL 120-31-38

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	350KF1D 1M50F1D	1 W (ERP)	0.01 %

Lompoc (SANTA BARBARA), CA - NL 34-38-30; WL 120-26-24; MOBILE:within 15 km, centered around NL 34-38-30; WL 120-26-24

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	350KF1D 1M50F1D	1 W (ERP)	0.01 %

San Francisco (SAN FRANCISCO), CA - NL 37-45-28; WL 122-26-43; MOBILE:within 15 km, centered around NL 37-45-28; WL 122-26-43

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
902-928 MHz	MO	350KF1D 1M50F1D	1 W (ERP)	0.01 %

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) All customers participating in the experiment shall be informed that this operation is for experimental purposes only and can be cancelled at any time.
- (3) 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.
- (4) All transmitting and/or receiving equipment used in the study shall be owned by the licensee.
- (5) Prior to commencing any operations in the frequencies below, the applicant must obtain consent from the following within 50 miles of the contours of the testing area:
 - Location & Monitoring Service licensees (902-928 MHz)
- (6) All testing to be performed on the ground.

Special Conditions:

- (7) POINT-OF-COMMUNICATIONS: Lacunasat, LS2C, LS3B and LS2E satellites.
- (8) This is for experimental purpose only and does not permit commercial service or market access.