

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

EXPERIMENTAL

(Nature of Service)

WD2XQC

(Call Sign)

XE FX MO

(Class of Station)

0080-EX-ML-2006

(File Number)

NAME Aperto Networks 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(b) of the Commission's Rules

Station Locations

- (1) Milpitas, CA - NL 37-24-25; WL 121-54-15
- (2) MOBILE: within 7.5 km of 1637 S. Main Street, within 7.5 km, centered around NL 37-24-25; WL 121-54-15
- (3) Milpitas, CA - NL 37-24-57; WL 121-53-24; MOBILE: within 25km of base station, within 25 km
- (4) Milpitas CA (ALAMEDA), CA - NL 37-29-14; WL 121-52-14; MOBILE: within 25km of base station, within 25 km
- (5) San Jose (SANTA CLARA), CA - NL 37-20-52; WL 121-46-49; MOBILE: within 25 km radius of base station, within 25 km
- (6) Cupertino (SANTA CLARA), CA - NL 37-18-52; WL 122-04-05; MOBILE: within 25 km radius of base station, within 25 km
- (7) San Jose (SANTA CLARA), CA - NL 37-17-35; WL 121-46-29; MOBILE: within 25 km radius of base station, within 25 km
- (8) Milpitas, CA - NL 37-24-57; WL 121-53-24; MOBILE: within 25km of base station, within 25 km

Frequency Information

Milpitas, CA - NL 37-24-25; WL 121-54-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3500-3600 MHz	FX	20M0G7W	10 W (ERP)	

This authorization effective January 07, 2008 and
will expire 3:00 A.M. EST May 01, 2010

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

Milpitas, CA - NL 37-24-25; WL 121-54-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3500-3600 MHz	FX	20M0D7W	10 W (ERP)	

MOBILE: within 7.5 km of 1637 S. Main Street, within 7.5 km, centered around NL 37-24-25; WL 121-54-15

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3500 MHz	MO	20M0G7W 20M0D7W	10 W (ERP)	

Milpitas, CA - NL 37-24-57; WL 121-53-24; MOBILE: within 25km of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3500 MHz	MO	20M0W1D	1 W (ERP)	
3500-3600 MHz	FX	20M0W1D	4 W (ERP)	

Milpitas CA (ALAMEDA), CA - NL 37-29-14; WL 121-52-14; MOBILE: within 25km of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3500 MHz	MO	20M0W1D	2 W (ERP)	
3500-3600 MHz	FX	20M0W1D	4 W (ERP)	

Frequency Information

Milpitas CA (ALAMEDA), CA - NL 37-29-14; WL 121-52-14; MOBILE: within 25km of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3500-3600 MHz	FX	20M0W1D	4 W (ERP)	

San Jose (SANTA CLARA), CA - NL 37-20-52; WL 121-46-49; MOBILE: within 25 km radius of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3500 MHz	MO	20M0W1D	2 W (ERP)	
3500-3600 MHz	FX	20M0W1D	4 W (ERP)	

Cupertino (SANTA CLARA), CA - NL 37-18-52; WL 122-04-05; MOBILE: within 25 km radius of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3500 MHz	MO	20M0W1D	1 W (ERP)	
3500-3600 MHz	FX	20M0W1D	4 W (ERP)	

San Jose (SANTA CLARA), CA - NL 37-17-35; WL 121-46-29; MOBILE: within 25 km radius of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3500 MHz	MO	20M0W1D	2 W (ERP)	

Frequency Information

San Jose (SANTA CLARA), CA - NL 37-17-35; WL 121-46-29; MOBILE: within 25 km radius of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3500-3600 MHz	FX	20M0W1D	4 W (ERP)	

Milpitas, CA - NL 37-24-57; WL 121-53-24; MOBILE: within 25km of base station, within 25 km

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
3400-3500 MHz	MO	20M0W1D	1 W (ERP)	
3500-3600 MHz	FX	20M0W1D	1 W (ERP)	

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) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (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.