

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

EXPERIMENTAL

(Nature of Service)

WF2XRB

(Call Sign)

XT MO

(Class of Station)

0175-EX-ML-2011

(File Number)

NAME AKELA 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(d g i) of the Commission's Rules

Station Locations

- (1) MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-25-00; WL 119-40-59
- (2) MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-25-46; WL 119-49-13
- (3) MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-02-58; WL 118-10-30
- (4) MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-03-31; WL 118-10-10
- (5) MOBILE: research and development site - Castaic, California, within 0.15 km, centered around NL 34-28-52; WL 118-36-22

Frequency Information

MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-25-00; WL 119-40-59

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2900-3500 MHz	MO	15K3N0N	154 mW (ERP)	0.005 %

This authorization effective September 13, 2011 and
will expire 3:00 A.M. EST March 01, 2013

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-25-46; WL 119-49-13

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2900-3500 MHz	MO	15K3N0N	154 mW (ERP)	0.005 %

MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-02-58; WL 118-10-30

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2900-3500 MHz	MO	15K3N0N	154 mW (ERP)	0.005 %

MOBILE: research and development site - Santa Barbara, California, within 0.15 km, centered around NL 34-03-31; WL 118-10-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2900-3500 MHz	MO	15K3N0N	154 mW (ERP)	0.005 %

MOBILE: research and development site - Castaic, California, within 0.15 km, centered around NL 34-28-52; WL 118-36-22

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2900-3500 MHz	MO	15K3N0N	154 mW (ERP)	0.005 %

Special Conditions:

- (1) The station identification requirements of Section 5.115 of the Commission's Rules are waived.
- (2) 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.