

**United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION**

EXPERIMENTAL

(Nature of Service)

WE9XTH

(Call Sign)

XT MO

(Class of Station)

0205-EX-ST-2010

(File Number)

NAME AKELA Inc.

This Special Temporary Authorization is granted upon the express condition that it may be terminated by the Commission at any time without advance notice or hearing if in its discretion the need for such action arises. Nothing contained herein shall be construed as a finding by the Commission that the authority herein granted is or will be in the public interest beyond the express terms hereof.

This Special Temporary Authorization shall not vest in the grantee any right to operate the station nor any right in the use of the frequencies designated in the authorization beyond the term hereof, nor in any other manner than authorized herein. Neither the authorization nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This authorization is subject to the right of use of control the Government of the United States conferred by Section 706 of the Communications Act of 1934.

Special Temporary Authority is hereby granted to operate the apparatus described below:

Purpose Of Operation:

To test and evaluate the next generation of AKELAs through-the-wall radars.

Station Locations

- (1) MOBILE: defined area in Santa Barbara, California, within 0.15 km, centered around NL 34-25-46; WL 119-49-13
- (2) MOBILE: defined area in Santa Barbara, California, within 0.15 km, centered around NL 34-25-00; WL 119-40-59
- (3) MOBILE: defined area near law enforcement facility in Los Angeles County, California, within 0.15 km, centered around NL 34-03-31; WL 118-10-10
- (4) MOBILE: defined area near law enforcement facility in Los Angeles County, California, within 0.15 km, centered around NL 34-02-58; WL 118-10-31

Frequency Information

MOBILE: defined area in 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 (+/-)
500-608 MHz	MO	15K3N0N	154 mW (ERP)	

This authorization effective February 25, 2011 and
will expire 3:00 A.M. EST August 26, 2011

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: defined area in 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 (+/-)
614-960 MHz	MO	15K3N0N	154 mW (ERP)	

MOBILE: defined area in 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 (+/-)
500-608 MHz	MO	15K3N0N	154 mW (ERP)	
614-960 MHz	MO	15K3N0N	154 mW (ERP)	

MOBILE: defined area near law enforcement facility in Los Angeles County, California, within 0.15 km, centered around NL 34-03-31; WL 118-10-10

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
500-608 MHz	MO	15K3N0N	154 mW (ERP)	
614-960 MHz	MO	15K3N0N	154 mW (ERP)	

MOBILE: defined area near law enforcement facility in Los Angeles County, California, within 0.15 km, centered around NL 34-02-58; WL 118-10-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
500-608 MHz	MO	15K3N0N	154 mW (ERP)	

Frequency Information

MOBILE: defined area near law enforcement facility in Los Angeles County, California, within 0.15 km, centered around NL 34-02-58; WL 118-10-31

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
614-960 MHz	MO	15K3N0N	154 mW (ERP)	

Special Conditions:

- (1) Subject to prior coordination with American Society for Healthcare Engineering of the American Hospital Association (ASHE/AHA): Dale Woodin, ASHE Advocacy Director; American Hospital Association, One North Franklin; Chicago, IL 60606; (312) 422-3812, (312) 422-4571 (fax), dwoodin@aha.org.
- (2) Operation in the 824-849 or 869-894 MHz band requires consent of local cellular licensee(s) to avoid interference.
- (3) Operation is subject to prior coordination with the Society of Broadcast Engineers, Inc. (SBE); ATTN: Executive Director; 9247 North Meridian Street, Suite 305; Indianapolis, IN 46260; telephone, (866) 632-4222; FAX, (317) 846-9120; e-mail, executivedir @ sbe.org; information, www.sbe.org.
- (4) 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.
- (5) Licensee is required to coordinate operations with existing microwave users in the area to avoid interference.
- (6) AKELA Inc. must obtain coordination from the Western Area Frequency Coordinator (WAFC) Mr. Joseph Richardson (760) 939-6948 prior to the testing and demonstration of the surveillance radar prototype and comply with any restrictions and scheduling levied.
- (7) The designated point-of-contact to terminate transmissions if interference occurs is Mei Su Wu at (805) 683-6414.
- (8) Operations are subject to prior coordination with one of the designated Public Safety Frequency Coordinators listed:
<http://www.fcc.gov/pshs/public-safety-spectrum/coord.html#700800>
- (9) Per US footnote 246, transmission in the band, 608 - 614 MHz is not authorized.
- (10) This license SUPERSEDES the previously issued license with the same call sign and file number: Special condition (9).