

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

EXPERIMENTAL

(Nature of Service)

WD9XWR

(Call Sign)

XT MO

(Class of Station)

0166-EX-ST-2009

(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:

AKELAs radar operates as a stepped frequency, CW device over the range 500 to 2000 MHz with an output power not exceeding 63 mW. The specific frequencies of operation are controlled by

Station Locations

- (1) MOBILE: The portable, through-the-wall imaging array can be positioned up to 30 meters away from a building or area of interest., within 20 km, centered around NL 34-25-47; WL 119-49-13

Frequency Information

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Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
500-2000 MHz	MO	FXN	252 mW (ERP)	0.005 %

Special Conditions:

- (1) 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.

This authorization effective June 26, 2009 and
will expire 3:00 A.M. EST December 26, 2009

**FEDERAL
COMMUNICATIONS
COMMISSION**



Special Conditions:

- (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.
- (3) Akela must coordinate with Western Area Frequency Coordinator at (760) 939-6948 prior to operations within the area.
- (4) The stop buzzer contact Mei Su Wu, Phone: 805-683-6414 shall be available during testing to address any interference issues.
- (5) Licensee shall prior coordinate with any Advanced Wireless Service licensees in the area.