

United States of America
FEDERAL COMMUNICATIONS COMMISSION
EXPERIMENTAL
SPECIAL TEMPORARY AUTHORIZATION

EXPERIMENTAL
(Nature of Service)

XT MO
(Class of Station)

WA8XDO
(Call Sign)

0543-EX-ST-2026
(File Number)

NAME Reach Power, 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:
The demonstration will involve demonstrating a custom-built, phased array system to beam power directionally to small RFDC

- Station Locations
- (1) MOBILE: Fort Irwin National Training Center (CA), Fort Irwin, CA, within 11.2 km, centered around NL 35-20-54; WL 116-34-27
 - (2) MOBILE: Fort Irwin, CA, within 11.2 km, centered around NL 35-20-54; WL 116-34-27

Frequency Information

MOBILE: Fort Irwin National Training Center (CA), Fort Irwin, CA, within 11.2 km, centered around NL 35-20-54; WL 116-34-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
5.854-5.855 GHz	MO	1M00N0N	243 kW (ERP)	0.008 %

This authorization effective July 16, 2026 and
will expire 3:00 A.M. ET July 30, 2026

FEDERAL
COMMUNICATIONS
COMMISSION



Frequency Information

MOBILE: Fort Irwin, CA, within 11.2 km, centered around NL 35-20-54; WL 116-34-27

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
24.125-24.127 GHz	MO	1M00N0N	2.19 MW (ERP)	0.002 %

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) Stop Buzzer POC: Chris Davlantes, operations@reachpower.com, (904) 502-0677
- (3) The band 5850-5925 MHz, IAW NG 160, the use of the non-Federal mobile service is limited to Dedicated Short Range Communications operating in the Intelligent Transportation System radio service