

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

EXPERIMENTAL

(Nature of Service)

WA8XEU

(Call Sign)

XT MO

(Class of Station)

1027-EX-ST-2026

(File Number)

NAME Rainmaker

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:

Test scanning methods and software improvements in the validation of cloud seeding effects in a natural orographic cloud environment.

Station Locations

(1) MOBILE: , within 20 km, centered around NL 45-28-07; WL 118-58-07

Frequency Information

MOBILE: , within 20 km, centered around NL 45-28-07; WL 118-58-07

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
35.2875-35.2925 GHz	MO	5M00P0N	8510 kW (ERP)	0.0001 %

Special Conditions:

(1) Stop Buzzer Point of Contact: Sam Kim, 310-853-3127

This authorization effective October 01, 2026 and
will expire 3:00 A.M. ET April 01, 2027

**FEDERAL
COMMUNICATIONS
COMMISSION**

