

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

EXPERIMENTAL

(Nature of Service)

WQ9XTT

(Call Sign)

XT MO

(Class of Station)

0109-EX-ST-2021

(File Number)

NAME Sceye

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:

Flight testing of a HAPS platform.

Station Locations

- (1) MOBILE: Roswell, NM: max altitude 65,000 ft AGL, within 242 km, centered around NL 33-18-50; WL 104-32-42

Frequency Information

MOBILE: Roswell, NM: max altitude 65,000 ft AGL, within 242 km, centered around NL 33-18-50; WL 104-32-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
1443.67-1445.33 MHz	MO	1M66F1D	30.6 W (ERP)	0.0005 %
1500.67-1502.33 MHz	MO	1M66F1D	3.9 W (ERP)	0.0005 %
1519.67-1521.33 MHz	MO	1M66F1D	30.6 W (ERP)	0.0005 %

This authorization effective February 26, 2021 and
will expire 3:00 A.M. EST August 26, 2021

**FEDERAL
COMMUNICATIONS
COMMISSION**



Frequency Information

MOBILE: Roswell, NM: max altitude 65,000 ft AGL, within 242 km, centered around NL 33-18-50; WL 104-32-42

Frequency	Station Class	Emission Designator	Authorized Power	Frequency Tolerance (+/-)
2367-2387 MHz	MO	18M0D1D	636 W (ERP)	0.0015 %

Special Conditions:

- (1) This frequency assignment in one of the bands 1435-1525, 2310-2320 and 2345-2390 MHz was coordinated prior to authorization with the Area Frequency Coordinator, WSMR, NM, who also coordinated it, as appropriate, with the Aerospace and Flight Test Radio Coordinating Council. Use of this frequency under the authority of this assignment is subject to such further coordination with the AFC, WSMR, NM, as necessary to ensure compatibility with the existing uses.
- (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) Stop Buzzer: Frank Sneeringer, (302) 593-1588, fs@sceye.com.
- (4) Sceye must not operate within 150km of the center of the Very Large Array (VLA) at NL 34-04-44; WL 107-37-06. Additionally, Sceye must avoid direct transmissions in the direction of the VLA, and coordinate operations with the VLA PoC prior to any operation: Mr. Dan Mertely, nrao-rfi@nrao.edu, phone: (575) 835-7128.
- (5) Sceye must notch out the following: (+/- 17 MHz) 2365.5 MHz; (+/- 3 MHz) 2369.5 MHz, 2375.5 MHz, and 2381.5 MHz; (+/- 2.5 MHz) 2383.5 MHz
- (6) All operations are on a non-interference basis (NIB) and shall not cause harmful interference to, and shall not claim protection from, interference caused to it by any other lawfully operating stations. Sceye Inc. should be aware that other stations may be licensed on these frequencies and if any interference occurs, the licensee will be subject to immediate shut down.
- (7) Operations in the 1443.67-1445.33 MHz band shall comply with the limits of unwanted emission recommendations specified in Resolution 750 (Rev. WRC-19).
- (8) Sceye must schedule their operations with AFC-WSMR, at least 7 days prior to activation, via e-mail, to usarmy.wsmr.imcom-central.list.dodaafc@mail.mil. Furthermore, Sceye must provide a notional flight path showing any DoD restricted airspaces.
- (9) If Sceye is supporting a DoD initiative, then they must provide a DoD Contract Number. AFC-WSMR will support overflight of DoD restricted airspaces, provided Sceye schedules the use of this airspace, with the requisite Range POC or Sponsor. If Sceye is NOT supporting a DoD initiative, then they must avoid overflight of DoD restricted airspaces.