



Exhibit A Narrative And Public Interest Statement

Introduction

Pursuant to Federal Communications Commission (“FCC”) rules sections 5.54(a)(1), 5.59(a)(1) and 5.63, Sceye, Inc. (“Sceye”) respectfully requests a two-year conventional experimental license to support the development, maintenance, and testing of its high-altitude platform stations (“HAPS”). Sceye’s testing will be conducted in the 2450-2470 MHz band, in accordance with all applicable FCC rules and regulations.

About Sceye

Sceye is a material science company creating a new generation of HAPS systems. Sceye’s HAPS operate in the stratosphere and have the potential to deliver super-fast Internet service and high-resolution imagery of the Earth in real time. Sceye’s mission is to use its pioneering technology to improve people’s lives by providing equitable connectivity across rural communities, urban centers, and underserved locations previously out of reach. Sceye also intends to help protect the earth by tracking greenhouse gas emissions in real-time to assist with a better understanding and management of greenhouse emissions.

Sceye’s HAPS uses an airship with geostationary capability that lifts and powers more payload than any other platform and holds station for longer periods of time, allowing it to extend its reach 100s of times to improve the efficiency and speed of connection to high-speed Internet service from anywhere. Sceye deploys state-of-the-art massive active multiple-input multiple-output (MIMO) array antennae and 3D beamforming technologies that deliver extended range, efficiency, and a high quality of service. In addition, Sceye’s platform uniquely holds station for precise delivery of coverage where needed, filling in coverage gaps. Sceye HAPS complements existing ground networks by enabling the avoidance of interference and efficiently re-using spectrum to provide a compatible, reliable, and rapidly scalable layer of network in the sky.

Description of Mission

With the subject authorization, Sceye intends to continue performing unmanned stratospheric flight tests of its remotely operated HAPS on the requested spectrum. Sceye began testing in September 2020 and requires additional testing of the HAPS through 2025. As part of its development program and test campaign, Sceye will also fly subscale versions of its HAPS as well as unmanned free balloons.

Flight tests will include both system performance and vehicle performance and flying qualities. With each incremental platform design, Sceye will be demonstrating controlled relocation, reliable station-keeping, and multi-day long durations. The frequencies requested will be used for a line-of-sight command and telemetry link. Operators will be positioning the HAPS in its intended area of operation and monitoring the health and status of the platform in fixed ground control centers.

Current Sceye vehicle architecture uses the Persistent Systems MPU5 radios. Both MPU5 radios transmit at 10 W (3 x 3.3 W) with emission designator 18M0D1D.

During testing, Sceye’s system engineers monitor the network continuously and can turn off the

transmit capability within fifteen minutes both remotely and locally.

Sceye's plans to launch its HAPS, subscale vehicles, or unmanned free balloons from either Roswell (KROW) airport or Moriarty airport (0E0) in New Mexico.

Maximum operating altitude will be no greater than 75,000 ft MSL. The area of operation will be dependent on ascent trajectories and stratospheric winds aloft but will not exceed the present command and control range performance of 150 miles. Sceye flight test operations will not penetrate restricted airspace.

Frequency Band

Pursuant to FCC rule section 5.85, stations in the experimental radio service may use any federal or non-federal frequency band justified by the applicant and that is not exclusively allocated to the passive services. Sceye's testing will be on a non-interference basis to protect incumbent users, both federal and non-federal, in the requested frequencies from incurring any harmful interference to their existing operations. Consistent with the requirement to protect existing users from receiving any harmful interference, Sceye will coordinate testing operations in these frequencies with all relevant stakeholders. Sceye will also comply with all conditions imposed by the FCC as part of an authorization grant.

Testing

Testing will stop and the mission will terminate if the vehicle position can no longer be maintained to within a 150-mile radius of the center locations of the defined areas of operations (listed below).

a. Tatum, NM

Transmitters and/or receivers on the ground are located at Lea County Tatum Airport, Tatum, NM (33.258, - 103.277).

b. Roswell, NM

Transmitters and/or receivers on the ground are located at Roswell International Airport (Sceye Hangar), Roswell International Air Center, Roswell, NM (33.314, -104.545).

c. Moriarty, NM – ground testing only

Transmitters and/or receivers on the ground are located at Moriarty Municipal Airport Moriarty, NM (34.9838, -106.0125).

Monitoring, Stop Buzzer, and Contact Information

During a flight test, Sceye staff monitors testing and the network 24 hours a day/7 day a week. On site system engineers monitor system performance and key testing criteria.

Any request to stop transmitting will be implemented within 15 minutes of notification.

Primary Point of Contact is Stephanie Luongo, Chief of Mission Operations: 775-336-8804, sl@sceye.com.

Tatum Testing

