

July 01, 2026

In re Application of

Silvus Technologies, Inc.
10990 Wilshire BLVD., Suite 1500
Los Angeles, California 90024

To operate in the 4400-4940MHz Telemetry Band near Helendale and Desert Center, California.

ATTN.: Microwave Branch

Silvus Technologies, Inc., hereby requests Special Temporary Authority (STA) to operate within the 4400-4940MHz telemetry band pursuant to Section 21.25 of the Commission's Rules. Silvus Technologies, Inc. requests that the Commission grant it temporary authority to operate on the frequency centered at 4560MHz, with a 20MHz bandwidth from July 30, 2026, through September 30, 2026, with intermittent usage. As explained below, Silvus Technologies, Inc., is filing an STA request to test and demonstrate a new radio system for the United States Army. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

Silvus Technologies, Inc., is experimenting with new microwave antenna technologies for the United States Army as it relates to data coherency, propagation, data throughput, vehicle integration and impact. Due to the extreme frequency congestion in the Helendale and Desert Center area, coupled with the added congestion from traditional Television and News coverage of area events, Silvus Technologies, Inc., requests the use of these channels.

Silvus Technologies, Inc., certifies that the operation of the requested channels for the purposes specified herein will not cause interference to any established stations.

Grant of the instant request for STA for the 4.5GHz Band would serve the public interest by enabling Silvus Technologies, Inc., to experiment with a variety of radio configurations as it relates in a terrestrial exercise in a wireless MIMO/MANET configuration. The proposed service would enable demonstration of the Streamcaster SC4480 transceiver and antenna arrays in a terrestrial exercise.

In accordance with Section 74.633 of the Commission's Rules, the following is provided:

Applicants Name:	Silvus Technologies, Inc.
Address:	10990 Wilshire BLVD., Suite 1500 Los Angeles, California 90024
Point-of-Contact:	Kevin Hart 949 395 6446 kevin.hart@silvustechnologies.com
Type and Manufacturer Of Equipment:	Silvus Technologies, Inc. Streamcaster SC4480
Power Output:	4W
ERP:	120W TERRESTRIAL
Emission:	20M00D7W
Frequency:	4560.0MHz, 20M00D7W @ 120W TERRESTRIAL
Area of Operation:	35Km

Coordinates: N 34 44 17.1
W 117 23 24.1

N 33 38 29.8
W 115 16 30.5

Antenna Height: 50' AGL

Antenna: Vertical Polarized

Antenna Gain: 2dBi

Dates of Operation: July 15, 2026 – September 30, 2026
(Intermittent Usage during these days)

Silvus Technologies, Inc., requests an STA to operate on the above-referenced frequency for a period not to exceed six months. No application for regular authorization will subsequently be filed.

Silvus Technologies, Inc., certifies that no party to the application is subject to a denial of federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C § 853(a).

Should you have any questions regarding this matter, please contact, John Winch, by telephone 626 676 1470.

Respectfully submitted,

By: John Winch
Frequency Coordinator