

August 19, 2026

In re Application of

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

To operate within the 2200-2290MHz and 4400-4940MHz Telemetry Bands in Oxon Hill, Maryland.

ATTN.: Microwave Branch

Silvus Technologies, Inc., hereby requests Special Temporary Authority (STA) to operate within the 2200-2290MHz and the 4400-4940MHz telemetry bands 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 frequencies centered at 2210MHz, 2280MHz, 4510MHz and 4810MHz with a 20MHz bandwidth from September 11, 2026, through September 19, 2026, with intermittent usage. If the 2210MHz, 2280MHz or the 4510MHz and 4810MHz frequency range is unavailable, any 20MHz channel within the bands 2200-2290MHz and the 4400-4940MHz will suffice. As explained below, Silvus Technologies, Inc., is filing an STA request to demonstrate new microwave technologies in a MIMO / MANET configuration at the Air, Space & Cyber Conference at the Gaylord National Resort and Convention Center in National Harbor, Maryland. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

The Air, Space & Cyber Conference has invited Silvus Technologies, Inc., to demonstrate MIMO / MANET microwave emission technologies regarding data coherency, propagation, data throughput, vehicle integration and impact. Due to the extreme frequency congestion in the Washington, D.C., area, 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 2.2GHz and the 4.5GHz bands would serve the public interest by enabling Silvus Technologies, Inc., to demonstrate the reliability of their emission scheme as it relates in a wireless MIMO / MANET configuration. The proposed service would enable demonstration of the Streamcaster SC4400 transceiver / antenna array 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: Thomas Hayes
(831) 251-5028

Type and Manufacturer Silvus Technologies, Inc.
Of Equipment: Streamcaster SC4400

Power Output: 4W

ERP: **8W**

Emission: 20M00D7W

Frequency: 2210.0MHz, 20M00D7W @8W TERRESTRIAL
2280.0MHz, 20M00D7W @8W TERRESTRIAL
4510.0MHz, 20M00D7W @8W TERRESTRIAL
4810.0MHz, 20M00D7W @8W TERRESTRIAL

Area of Operation: 2Km

Coordinates: N 38 46 48.17
W 077 00 49.05

Antenna Height: 15' AGL

Antenna: 15dBi Vertical / Horizontal

Antenna Gain: 15dBi

Dates of Operation: September 11, 2026 – September 19, 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