

December 03, 2024

In re Application of

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

To operate in the 4400-4940MHz Telemetry Band in Las Vegas, Nevada.

ATTN.: Microwave Branch

Silvus Technologies, Inc., hereby requests Special Temporary Authorization to operate within the 4400-4490MHz 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 frequencies centered 4410MHz, and 4810MHz with a 20MHz bandwidth from January 19, 2025, through January 25, 2025, with intermittent usage. If the 4410MHz, or 4810MHz frequency range is unavailable, any 20MHz channels within the 4400-4940MHz band will suffice. As explained below, Silvus Technologies, Inc., is filing an STA request to demonstrate the diverse capabilities of their MIMO/MANET radio technology at the SHOT Show at the Venetian Expo in Las Vegas, Nevada in January. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

Silvus Technologies, Inc., has been invited to demonstrate the diverse capabilities of their MIMO/MANET radio technology at the SHOT Show at the Venetian Expo in Las Vegas, Nevada. Due to the extreme frequency congestion in Las Vegas 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 demonstrate the diverse utilization capabilities of their MIMO/MANET radio technology in an indoor terrestrial exercise. The proposed service would enable a demonstration and experimentation with the Streamcaster SC4480 and the SC4280 in an indoor 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

Type and Manufacturer  
Of Equipment: Streamcaster SC4480

Power Output: 2W

ERP: **20W TERRESTRIAL**

Emission: 20M00D7W

Type and Manufacturer  
Of Equipment: Streamcaster SC4280

Power Output: 2W

ERP: **20W TERRESTRIAL**

Emission: 20M00D7W

Frequency: **4410.0MHz, 20M00D7W @ 20W TERRESTRIAL  
4810.0MHz, 20M00D7W @ 20W TERRESTRIAL**

Area of Operation: 2KM

Coordinates: N 36 07 15.66  
W 115 09 58.67

Antenna Height: **15' AGL**

Antenna: Vertical and Horizontal polarized

Antenna Gain: 15dBi

Dates of Operation: January 19, 2025 – January 25, 2025  
(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