

April 01, 2024

In re Application of

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

To operate in the 2200-2290MHz, 2360-2390MHz and 4400-4940MHz Telemetry Bands in Hauula, Hawaii

ATTN.: Microwave Branch

Silvus Technologies, Inc., hereby requests Special Temporary Authorization (STA) to operate within the 2200-2290MHz, 2360-2390MHz and 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 2230MHz, 2380MHz 4550MHz and 4810MHz with a 20MHz bandwidth from May 09, 2024, through May 15, 2024, with intermittent usage. If the 2230MHz, 4550MHz or the 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 and showcase innovative technologies relevant to the defense sector while hosting a DoD Connect event in Hawaii in May. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

Silvus Technologies, Inc., is demonstrating new microwave technologies for a DoD Connect event designed to showcase innovative technologies through collaboration, networking and knowledge sharing. Due to the extreme frequency congestion in the Oahu 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 2.2GHz, 2.3GHz band 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 ground-based exercise in a wireless MIMO/MANET configuration. The proposed service would enable demonstration of the Streamcaster transceivers / antenna array in a terrestrial exercise. Silvus Technologies, Inc., is in the process of obtaining the consent of the relevant frequency coordinators for this project, including AFTRCC. AFTRCC has indicated its intent to forward the results of the coordination to the Commission.

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 SC4210, SC4240, SC42A0, SC4480, SC44K0

Power Output: 4W

ERP: 40W TERRESTRIAL

Emission: 20M00D7W

Frequency: 2230.0MHZ, 20M00D7W @ 40W TERRESTRIAL
2380.0MHZ, 20M00D7W @ 40W TERRESTRIAL
4550.0MHZ, 20M00D7W @ 40W TERRESTRIAL
4810.0MHZ, 20M00D7W @ 40W TERRESTRIAL

Area of Operation: 5Km

Coordinates: N 21 35 22.52
W 157 53 51.76

Antenna Height: 100' AGL

Antenna: Vertical / Horizontal Polarized

Antenna Gain: 6dBi

Dates of Operation: May 09, 2024 – May 15, 2024
(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

cc: Wayne Morris, AFTRCC