

February 01, 2021

In re Application of

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

To operate in the 2360-2390MHz Telemetry Band at Fort Story, Virginia.

ATTN.: Microwave Branch

Silvus Technologies, Inc., hereby requests Special Temporary Authority (STA) to operate within the 2360-2390MHz 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 2380MHz with a 20MHz bandwidth from April 19, 2021 through May 07, 2021 with intermittent usage. As explained below, Silvus Technologies, Inc., is filing an STA request to demonstrate new microwave technologies in a MIMO/MANET configuration at the Trident Spectre Event hosted by the Naval Special Warfare Group at Fort Story, Virginia. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

USSOCOM has invited Silvus Technologies, Inc., to demonstrate new microwave emission technologies utilizing a Visual Engineering IP Camera as a sensor. Due to the extreme frequency congestion in the Washington, D.C. area, coupled with the added congestion from traditional Television and News coverage of area events, Silvus Technologies, Inc., requests the use of this channel.

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 2.3GHz band would serve the public interest by enabling Silvus Technologies, Inc., to demonstrate the reliability of their emission scheme as it relates to the Visual Engineering IP Camera in a wireless MIMO/MANET configuration. The proposed service would enable demonstration of the Streamcaster SC4200 transceiver / antenna array in an airborne 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 SC4200

Power Output: 4W

ERP: **8W**

Emission: 20M00D7W

Frequency: **2380.0MHz, 20M00D7W @ 8W AERIAL**

Area of Operation: 17Km

Coordinates: N 36 56 25.25
W 076 03 23.82

Antenna Height: **MANNED FIXED WING @ OR BELOW 4000' AGL**
6' AGL

Antenna: 3dBi Omni Haigh-Farr

Antenna Gain: 3dBi, If needed on ground 6dBi, 14dBi

Dates of Operation: April 19, 2021 – May 07, 2021
(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