

August 30, 2017

In re Application of

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

To operate within the 2360-2390MHz Telemetry Band in Santa Monica, California.

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 on 2380MHz with a 20MHz bandwidth from September 17, 2015 through September 23, 2015 with intermittent usage. As explained below, Silvus Technologies, Inc is filing an STA request to test RF coverage with relation to wave propagation over the ocean for various Military and Law Enforcement clients. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

Silvus Technologies, Inc., is developing new microwave technology for Military and Law Enforcement utilization. Due to the extreme frequency congestion within the Southern California Area, Silvus Technologies, Inc. requests the use of this channel.

Silvus Technologies, Inc. certifies that the operation of the requested channel 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 the RF system for the laboratory. The proposed service would enable testing of the bit stream by providing an RF link across a large body of water between an ocean-borne vessel and the Santa Monica Pier that would not otherwise be available to the laboratory. 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 SC4400

Power Output: 4W

ERP: **8W**

Emission: 20M00D7W

Frequency: 2380.0MHz

Area of Operation: 33Km

Coordinates: 34 00 27.67 N  
118 29 58.95 W

Antenna Height: 6' AGL

Antenna: 2dBi omni

Antenna Gain: 2dBi

Dates of Operation: September 17, 2017 – September 23, 2017  
(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