

July 20, 2015

In re Application of

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

To operate at and 2360-2390MHz Telemetry Band in Long Beach, 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 at 2370MHz with an 20MHz bandwidth from July 23 through August 23, 2015 with intermittent usage. As explained below, Silvus Technologies, Inc is filing an STA request for the United States Air Force Research Laboratory. Silvus Technologies, Inc submits that there are extraordinary circumstances warranting a grant of the STA request.

The United States Air Force Research Laboratory has contracted Silvus Technologies, Inc to test a wireless telemetry system. Due to the extreme frequency congestion in the Southern California 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 channel for the purposes specified herein will not cause interference to any established stations.

Grant of the instant request for STA for 2.3GHz 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 from an aerial platform 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 SC3800

Power Output: 100mw into 10W P/A

ERP: **30W**

Emission: 20M00D7W

Frequency: 2370.0MHz **AERIAL**

Area of Operation: 135km

Coordinates: N 33 45 22.5  
W 118 22 07

Antenna Height: **FIXED WING @ OR BELOW 2000' AGL**

Antenna: 5dB Omni

Antenna Gain: 5dBi

Dates of Operation: July 23, 2015 – August 23, 2015  
(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: Joan Howery, FCC  
Wayne Morris, AFTRCC