

May 25, 2016

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 Camp Roberts, near Paso Robles, 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 2380MHz with a 20MHz bandwidth from August 07 through August 13, 2016 with intermittent usage. As explained below, Silvus Technologies, Inc is filing an STA request for a military exercise being conducted at Camp Roberts, north of Paso Robles, in California. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

Silvus Technologies, Inc., has been invited to demonstrate new microwave technology during a military exercise at Camp Roberts in Central California. Due to the extreme frequency congestion in the Central California 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 2.3GHz band would serve the public interest by enabling Silvus Technologies, Inc., to demonstrate the reliability of their emission scheme as it relates to UAV's. The proposed service would enable testing of the Transition VTOL to forward flight UAV while utilizing the Trillium HD50 sensor. 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 SC4240-230

Power Output: 4W

ERP: 10W

Emission: 20M00D7W

Frequency: 2380.0MHz, 20M00D7W @ 10W

Area of Operation: 8Km

Coordinates: N35 47 27.49
W120 44 36.11

Antenna Height: **UMANNED AERIAL VEHICLE @ OR BELOW 2000' AGL**

Antenna: 2dBi Dual polarized /sector

Antenna Gain: 4dBi

Dates of Operation: August 07, 2016 – August 13, 2016
(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