

June 04, 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 around Hood River, Oregon.

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 01 through August 31, 2016 with intermittent usage. As explained below, Silvus Technologies, Inc is filing an STA request to test new microwave technology and Cloud Cap Technologies TASE500HD sensor. Silvus Technologies, Inc., submits that there are extraordinary circumstances warranting a grant of the STA request.

Silvus Technologies, Inc., is in the process of developing new microwave technologies using Cloud Cap Technologies TASE500HD sensor. Due to the extreme frequency congestion in the Hood River 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 the Cloud Cap Technologies RASE500HD sensor. The proposed service would enable testing of the Streamcaster SC4240-230 transceiver. 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: 8W

Emission: 20M00D7W

Frequency: 2380.0MHz, 20M00D7W @ 8W

Area of Operation: 161Km

Coordinates: N45 42 19.43
W121 31 17.26

Antenna Height: **MANNED FIXED WING @ OR BELOW 7000' AGL**

Antenna: 4dBi Dual polarized /sector

Antenna Gain: 4dBi

Dates of Operation: August 01, 2016 – August 31, 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