

February 25, 2022

In re Application of

Team 5 Aerial Systems  
3312 Burton Avenue  
Burbank, California 91504

To operate in the 2360-2390MHz Telemetry Band in Los Angeles, California.

ATTN.: Microwave Branch

Team 5 Aerial Systems hereby requests Special Temporary Authority (STA) to operate within the 2360-2390MHz telemetry band pursuant to Section 21.25 of the Commission's Rules. Team 5 Aerial Systems requests that the Commission grant it temporary authority to operate on the frequency centered at 2380MHz with a 20MHz bandwidth from March 15, 2022, through April 03, 2022, with intermittent usage. As explained below, Team 5 Aerial Systems is filing an STA request to demonstrate new microwave technologies in a MIMO/MANET configuration in Los Angeles, California. Team 5 Aerial Systems submits that there are extraordinary circumstances warranting a grant of the STA request.

Rotunda Pictures, LLC has invited Team 5 Aerial Systems to demonstrate new microwave emission technologies as it relates to data coherency, propagation, data throughput, vehicle integration and impact for motion picture production. Due to the extreme frequency congestion in the area, Team 5 Aerial Systems requests the use of this channel.

Team 5 Aerial Systems 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 Team 5 Aerial Systems to demonstrate the versatility of MESH networking for motion picture production. Team 5 Aerial Systems 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:	Team 5 Aerial Systems
Address:	3312 Burton Avenue Burbank, California 91504
Type and Manufacturer Of Equipment:	Silvus Technologies, Inc. Streamcaster SC4200 / SC4400
Power Output:	4W
ERP:	<b>8W AERIAL</b>
Emission:	20M00D7W
Frequency:	<b>2380.0MHz, 20M00D7W @ 8W AERIAL</b>
Area of Operation:	25Km
Coordinates:	N 34 12 0 W 118 28 12
Antenna Height:	<b>60' AGL</b>

Antenna: 4dBi CIRCULAR  
Antenna Gain: 4dBi  
Dates of Operation: March 15, 2022 – April 03, 2022  
(Intermittent Usage during these days)

Team 5 Aerial Systems 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.

Team 5 Aerial Systems 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