

May 17, 2018

In re Application of

EagleEye Intelligence, LLC  
1001 Broken Sound PKWY, Suite C  
Boca Raton, Florida 33487

To Operate in the 4800-5000MHz Telemetry  
Band to experiment with mesh networking in Boca Raton, Florida.

ATTN.: Microwave Branch

EagleEye Intelligence, LLC hereby requests Special Temporary Authority (STA) to operate in the 4800-5000MHz Telemetry Band pursuant to Section 21.25 of the Commission's Rules. EagleEye Intelligence, LLC requests that the Commission grant it temporary authority to operate on the frequency centered on 4810MHz with a 20MHz bandwidth July 01, 2018 through December 31, 2018 with intermittent usage. As explained below, EagleEye Intelligence, LLC is filing an STA request to test and evaluate emerging microwave technology in a MIMO / MANET configuration at in Boca Raton, Florida. EagleEye Intelligence, LLC submits that there are extraordinary circumstances warranting a grant of the STA request.

EagleEye Intelligence, LLC is evaluating emerging MANET / MIMO microwave technologies with relation to propagation, data throughput, vehicle integration and impact to present documentation for law enforcement contracts. Due to the frequency congestion in the South Florida area, EagleEye Intelligence, LLC requests the use of channels in the 4800-5000MHz Telemetry Band.

EagleEye Intelligence, LLC 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 in the 4.8GHz Band would serve the public interest by enabling EagleEye Intelligence, LLC to evaluate the stability of mesh networking in a terrestrial exercise. The proposed service would enhance the experiment by providing on the spot networking from mobile locations that would not otherwise be available to the engineering team.

In accordance with Section 74.633 of the Commission's Rules, the following is provided:

Applicants Name:	EagleEye Intelligence, LLC
Address:	1001 Broken Sound PKWY, Suite C Boca Raton, Florida 33487
Type and Manufacturer Of Equipment:	Silvus Technologies, Inc. StreamCaster SC4400
Power Output:	4W
ERP:	8W
Emission:	20M00D7W
Frequencies:	4810.0 MHz, 20M00D7W @8W TERRESTRIAL
Area of Operation:	100 Kilometers

Coordinates: N 26 24 04.73  
W 080 06 32.23

Antenna Height: 50' AGL

Antenna: Vertical

Antenna Gain: 6dBi

Dates of Operation: July 01, 2018 – December 31, 2018  
(Intermittent usage during these days)

EagleEye Intelligence, LLC requests an STA to operate on the above-referenced frequencies for a period not to exceed 60 days. No application for regular authorization will subsequently be filed.

EagleEye Intelligence, LLC 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