

# LAMDA CONSULTING, LCC

799 OAK HILLS ROAD \* PIPE CREEK, TEXAS 78063 \* (830) 688-9049

08 Jan 2009

Federal Communications Commission  
445 12th Street N.W.  
Washington, D.C. 20554

Dear Sir,

I am writing this letter to request a Special Temporary Authority (STA) for the purpose of performing a critical evaluation of the COMMANDO PARROT repeaters. The evaluation will occur between January 14, 2009 and April 14, 2009. The specifics are:

- The test will occur on in Ft Walton Beach, Florida area.
- The frequency test is 802.0 MHZ. The frequency can be adjusted on 100kHz steps up to 820 MHZ (if required).
- Transmit power level is 200mWatts. During testing, the transmitter will be on for periods of approximately 8 hours.
- The modulation is Direct Sequence/Spread Spectrum with a bandwidth of 2 MHZ.
- The antenna will have an omni-directional pattern with 0 dbi gain.
- Preliminary site survey last month detection no emitting signals on this frequency.
- Four transmitters will be tested at the following locations (see attached).

Lamda Consulting will coordinate with local users, as identified by the FCC, to insure that these transmitters are operating on a non-interference basis. Spectrum monitoring before and during the transmissions will also be accomplished. To date, Lamda LCC engineers have not identified any other users and have not observed any users of this frequency during our preliminary spectrum monitoring activities.

The purpose of this test is to prove a concept and evaluate the performance of a new technology for the U. S. Government client. When this technology is fully developed, it will primarily be utilized outside the Continental United States. After testing, a core training capability may be retained and an FCC Experimental license will be applied for.

If you have any questions or require additional information concerning these tests, please do not hesitate to contact me either by telephone (830-688-9049) or by my email (LAMDA77@YAHOO.COM).

Sincerely,

Mr. Jack Ridgway  
Lamda Consulting, LLC

#### **ATTACHMENT (Test Transmitter Locations)**

- **SITE A-13B (30d 23m 29.27s, -86d 45m 57.05s, 306 ft tower) [primary]**
- **SITE B135 (30d 30m 15.76s, -86d 46m 19.88s, 301 ft tower)**
- **SITE C12 (30d 39m 43.71s, -86d 17m 03.32s, 331 ft tower)**
- **SITE C1 (30d 31m 01.47s, -86d 20d 17.21s, 195ft tower)**