

John Kennedy

From: Mattis, Ben (SRAD) [ben_mattis@radiowavesinc.com]

Sent: Tuesday, January 17, 2006 11:15 AM

To: John Kennedy

Subject: FCC File # 0195-EX-PL-2005

Dear Mr. Kennedy,

Please insert the attachment "Justification for 5 year license..." into the Radio Wave application for experimenter's license.

Also, please make the following changes to the frequency table:

- * Change 23.6 GHz to 23.3 GHz.
- * Delete 31.3 GHz. Radio Waves does not need to test at this frequency.
- * Delete 64.0 GHz. Radio Waves does not need to test at this frequency.

Thank-you for working with us to complete our application!

Best regards,

Ben Mattis

Director of Engineering

Radio Waves, Inc.

The Leader in Microwave Antenna Innovation®

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"The leader in microwave antenna innovation"

Justification for Five-Year Experimental License

Application for Experimental License
FCC File Number 0195-EX-PL-2005
Confirmation Number EL933051

Radio Waves is a manufacturer of microwave antennas used in a variety of commercial communication systems. Evolving customer needs compel us to continually design new antennas with different performance, size, and cost requirements. Many of these antennas require outdoor testing to verify antenna gain and radiation pattern meets expectations.

Additionally, our quality system requires that we periodically perform outdoor antenna measurements on production antennas. These tests are performed on a regular basis to verify our manufacturing processes are sufficient to ensure repeatable antenna performance.

Radio Waves plans to continue manufacturing antennas for at least five more years at this location. New customer requirements and our quality goals require we perform outdoor antenna tests for the foreseeable future. For these reasons, Radio Waves believes a five-year license is justified.

Ben Mattis
Director of Engineering
Jan. 17, 2006