

From: Brian Sutton

To: Behnam Ghaffari

Date: July 07, 2009

Subject: FCC File No. 0259-EX-PL-2009

Message:

Hello,

A 36 month experimental license (instead of 24 months) is required to develop, test, and optimize, a novel RF telemetry system for medical applications (a patent application has been filed for the new technology in both the US and Europe). Since the product is being developed for medical applications, extensive testing in various environments is required to ensure it is suitable for the intended purpose. The logistics of setting up the tests at various sites (patient' bedrooms, physician's offices, medical clinics, etc.) leads to longer test schedules.

The RF transmitter will have a maximum peak output power of 1 Watt. The maximum antenna gain is approx. 1.5 dB. Hence the maximum ERP is 1.4 Watts (or 31.5 dBm).

Sincerely,
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