

March 8, 2007

Equipment Authorization Branch
Laboratory Division
Office of Engineering and Technology
Federal Communications Commission
7435 Oakland Mills Road
Columbia, MD 21046

Gentlemen:

As agent for Transoma Medical, TRP Inc. is herewith submitting an application for certification of a Low Power Transmitter operating on 916 MHz. These devices are very small; have a very low power output generating a low-level electric field that typically communicates with an associated receiver over a range of less than 3 meter. It is implanted within the body of patients to collect data for later transmission providing a telemetry output of various biophysical parameters such as cardiac condition

The implant with leads extended was supported vertically, parallel to the wall, and rotated in this vertical-parallel orientation at least to two positions to place the implant antenna in vertical and horizontal polarizations. For inside-liquid measurements, the transmitter radiated field strength measurements were done with the implant at a maximum depth of 2 centimeters at the closest edges of the device, with the device face parallel to the phantom wall, in a liquid using the parameters as described in OET Bulletin 65 Supplement C for the transmitter fundamental frequency.

The identification information will be placed in the instruction manual provided to the patient due to the device being implanted within the body. This protects the patient from possible side effects due to foreign objects such as labels and/or printing inks contaminating the tissue surrounding the implant.

Sincerely yours,

Phillip Inglis
TRP Inc.