

January 20, 2002

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

Gentlemen:

As agent for Data Sciences International TRP Inc. is herewith submitting an application for certification of a series of Low Power Transmitters operating below 1.705 kHz on a frequency of 455 kHz. This device is extremely small, has a very low power output generating a low-level magnetic field that typically communicates with an associated receiver over a range of less than 1 meter. It is implanted with the body of animals for scientific research purposes providing a telemetry output of various biophysical parameters such as blood pressure, temperature, and others. Each implant is self-contained with its own power source and will transmit over the course of a few months at most.

There are four models that are being included under one FCC ID due to the similarity of the RF output stages. The four models are TA10EF-F20, TA10ETA-F20, TA10TA-F20, and TA11PA-C20. Principal differences in these units are the type of transducer or transducers that are coupled to the RF output circuit through the digital circuits that encode the information.

Sincerely yours,

Phillip Inglis
TRP Inc.