

Modular Approval Cover Letter

12/7/2007

Federal Communications Commission
Authorization and Evaluation Division
7435 Oakland Mills Road
Columbia, MD 21046

Subject: Cleveland Medical Devices, Inc

FCC ID: N9Y0091 / Product Description: 100-0091 Transceiver Module

This device is a complete Transceiver on one board, designed to plug into various Data Acquisition Boards and can be used for stand alone operation, plugged into a USB port of a computer. We are applying for Modular Approval and per DA 00-1407 the following points are addressed:

1. The 100-0091 Transceiver Module has it's own shielding and requires no external shield.
2. The data inputs are buffered by the microprocessor, and the radio chips also have internal buffers on the data inputs.
3. The 100-0091 Transceiver Module has it's own power supply regulation.
4. This system has only one type of antenna per service. The antenna is vertical Dipole type that has a gain of 2.14dBi. The radio may not operate more than one service at the same time. CLEVELAND MEDICAL DEVICES, INC purchases standard antennas from the manufacturer. The N9Y0091 radio uses a unique connector (Hirose U.FL).
5. The 100-0091 Transceiver Module is operated on batteries when it is installed in a portable device, and powered from the USB port when used as a base station. Therefore it will be tested for conducted emissions. The USB cables provided with the product do not have ferrites installed.
6. The 100-0091 Transceiver Module will be labeled with it's FCC ID. The FCC label on the outside of any device using the module will reference the modules ID.
7. The power output and timing are set at the factory and not user programmable.
8. The output power is +10dBm or .010 Watts, lower than low threshold 60/fGHz mW (24.48mW), d<2.5cm in general population category.

Sincerely,

Warren Bendler
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