

Date: 9/12/2013

Re: Model 6299 Latitude™ Rock Springs Point of Care (Consult)

Communicator: Antenna (Inductive Coil) Description

The Guidant Corporation (a wholly owned subsidiary of Boston Scientific Corporation doing business as Boston Scientific Cardiac Rhythm Management) Model 6299 LATITUDE™ Rock Springs Point of Care (a.k.a., Consult) Communicator is intended for use by health care providers in a health care facility. It is intended for use with the BSC Cognis, Teligen, Progeny, Ingenio, Insignia, and Altrua implantable pulse generators.

Per TCB413 this file must contain the following information:

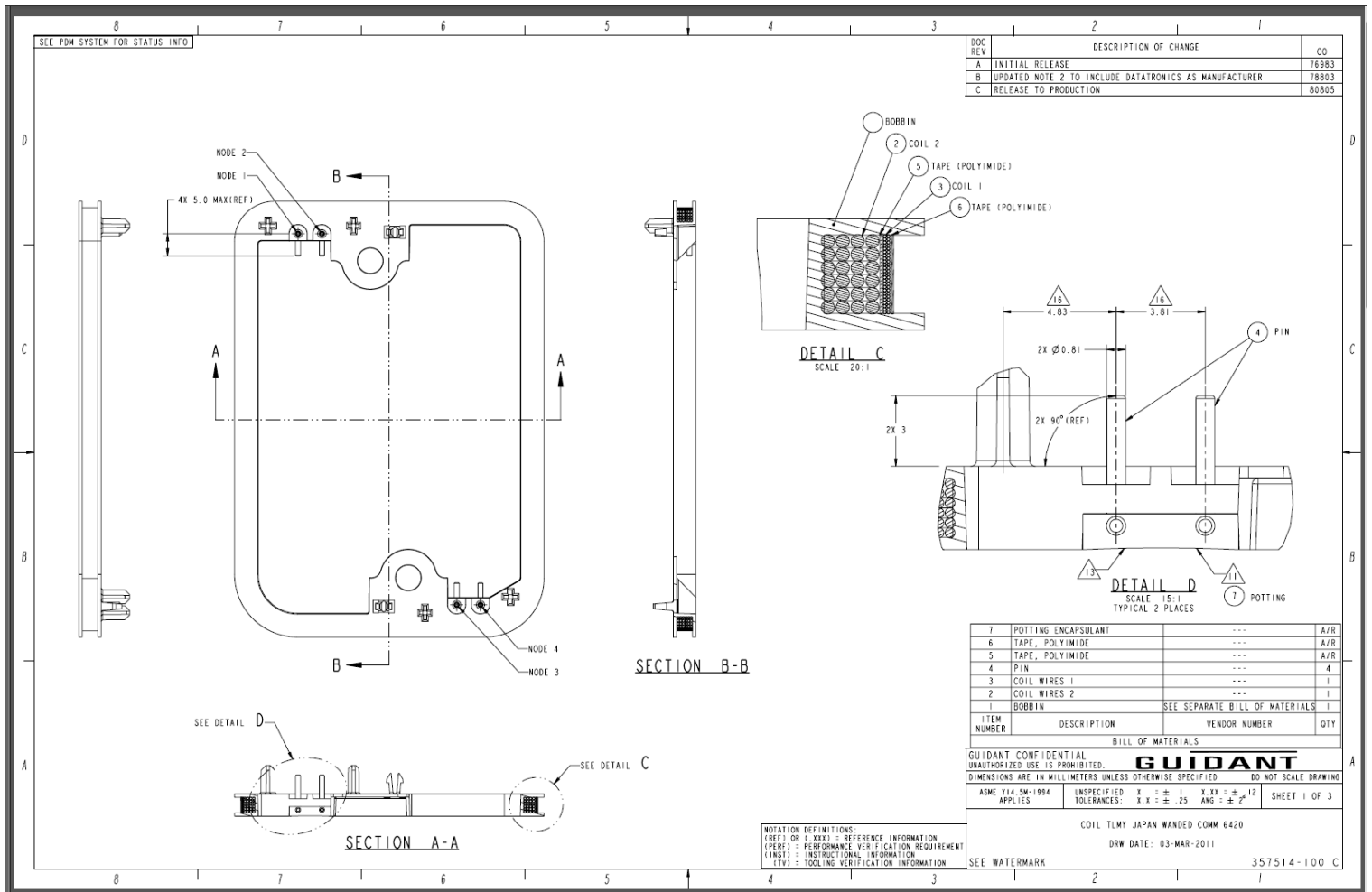
- a) Describe compliance of the device with the antenna requirements of paragraph 15.203 of the FCC rules.

Access to the Guidant Corporation (a wholly owned subsidiary of Boston Scientific Corporation doing business as Boston Scientific Cardiac Rhythm Management) Model 6299 transmit coil, coil connector and intentional radiator circuitry is prohibited by the Model 6299 wand enclosure and main housing.

- b) A list of antennas to be used with the transmitter. Include manufacturer, model number, gain (dBi), and description (e.g. dipole, yagi, patch, etc.).

The inductive transmit coil is a proprietary coil that is adjacent to the receive coil, both of which are wound on a plastic bobbin. The coil assembly is plugged in to the wand printed circuit board. The effective radiated power is controlled by how long the transmit coil is charged before opening one of the coil connections, causing the voltage to increase rapidly and then dissipate at the natural resonant frequency of the tuned transmit loop. The maximum radiated output power level was measured as part of the IEC 60601-1-2 compliance testing and found to be 14.5dBuV/m @ 3m or 20.8dB below the FCC 15.209 limit. This is documented in Northwest EMC test report

BSTN0426.1. See picture below for more details on the construction of the coil assembly.



c) Drawing or photograph unless clear photos appear in the external photos exhibit

A photograph of the coil assembly is included in the internal photos exhibit.