

Date: 8/15/2013

Re: Model 6290 Latitude™ Communicator: Antenna Description

The Guidant Corporation (a wholly owned subsidiary of Boston Scientific Corporation doing business as Boston Scientific Cardiac Rhythm Management) Model 6290 LATITUDE™ Communicator is an in-home patient monitor. The Model 6290 Communicator provides radio frequency (RF) telemetry in the 402 - 405 MHz band for use with radio frequency (RF) enabled BSC 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 6290 antenna connector and intentional radiator circuitry is prohibited by the Model 6290 enclosure.

- 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 antenna is a proprietary loaded inverted-L antenna that is implemented in the PCB design of the device. The measured gain of the antenna at the device intended frequency in free space is:

Frequency (MHz)	Gain (dBi)
402	-0.45
403.5	0.01
405	0.04

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

A photograph of the antenna is included in the internal photos exhibit.