

Date: March 4, 2013

Subject: Antenna Information

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, hereinafter referred to as BSC) Model 3140 antenna cables, connectors and intentional radiator circuitry is prohibited by the Model 3140 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 Model 3140 includes two antennas. Each antenna is a proprietary inverted-L antenna that is implemented in the device antenna board PCB design. The antennas are connected to an RF transceiver used for communication with implanted devices in the 402-405 MHz Medical Implant Communication Service frequency band. The measured gain of the antenna in free space is:

Frequency (MHz)	Antenna A Gain (dBi)	Antenna B Gain (dBi)
402	-0.3	0.5
405	0.1	0.8

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

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