

3 March 2014

Dear Sir or Madam:

We, QiG Group ( a wholly owned subsidiary of Greatbatch, Inc.), located at 1771 East 30<sup>th</sup> Street, Cleveland, Ohio 44114, are providing the following Antenna Information for the Algovita Spinal Cord Stimulation (SCS) Implantable Pulse Generator (IPG) RF telemetry communications feature available on Models 2408 and 2412 in accordance with the TCB technical requirements:

The Algovita Models 2408 and 2412 Spinal Cord Stimulation (SCS) Implantable Pulse Generator (IPG) use a permanently attached wire loop (magnetic dipole) antenna encased in a urethane and silicone header. The antenna is connected to the intentional radiator via two ceramic-isolated feed-through pins in the titanium enclosure. The approximate gain of the antenna is – 25 dBi. Access to the antenna connections of the intentional radiator is prohibited by the enclosure. Section 47 CFR 15.203 of the FCC rules state the use of a permanently attached antenna shall be considered sufficient to comply with the requirements of this section.

PG Enclosure with Integral Antenna Header Assembly (Front)

Custom Wire Loop Antenna



IPG Enclosure with Integral Antenna Header Assembly (Rear)

Antenna Connection Feed-through Pin Terminals

