

January 4, 2008

Federal Communications Commission
Office of Engineering and Technology
7435 Oakland Mills Road
Columbia, Maryland 21046

Dear Sir or Madam:

Guidant Corporation, a wholly owned subsidiary of Boston Scientific Corporation doing business as Boston Scientific Cardiac Rhythm Management, located at 4100 Hamline Avenue North, St. Paul, MN 55112-5798, is submitting this application for the certification of the following Boston Scientific COGNIS 100-D/TELIGEN 100 Automatic Implantable Cardioverter Defibrillator (AICD) models, which it intends to cover under the FCC ID ESCCRMN11906:

- COGNIS 100-D: N106, N107, N108, N118, N119, N120
- TELIGEN 100: E102, E103, E110, E111

The COGNIS 100-D/TELIGEN 100 models incorporate a radio frequency (RF) telemetry radio that operates at 916.5 MHz and operates in the ISM Band (902-928 MHz). This radio uses an integrated antenna with a maximum radiated output power of -1.25 dBm. The technical reports and exhibits demonstrate compliance of the 916.5 MHz radio to the applicable rules, according to FCC Title 47 CFR, Part 15, Section 249. FCC certification is sought for the 916.5 MHz radio.

The COGNIS 100-D/TELIGEN 100 models also incorporate a co-located inductive telemetry radio that relies on inductive coupling, operates at 102.4 KHz, and is subject to manufacturer verification. The FCC granted a waiver (DA 07-3160) to permit operation of this inductive telemetry system.



Sincerely,



Rachit Jain
Electrical Engineer
Engineering Compliance
Tel: (651) 582-7556
Fax: (651) 582-2830
Email: richie.jain@bsci.com



Kurtis Wheeler
Manager II
Engineering Compliance
Tel: (651) 582-5051
Fax: (651) 582-2830
Email: kurtis.wheeler@bsci.com