Boston Scientific

April 3, 2013

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

Dear Sir or Madam:

We, Guidant Corporation (a wholly owned subsidiary of Boston Scientific Corporation doing business as Boston Scientific Cardiology, Rhythm and Vascular), located at 4100 Hamline Avenue North, Arden Hills, MN 55112-5798, are submitting this application for the family approval of the radio functions incorporated in the following AUTOGEN™, DYNOGEN™, INOGEN™, ORIGEN™ Implantable Cardioverter Defibrillators (ICD) and Cardiac Resynchronization Therapy Defibrillators (CRT-D) models:

AUTOGEN™: G168, G160, G166, G161, G164, D032, D030, D033, D031, D162, D160, D163, D161
DYNAGEN™: G158, G150, G156, G151, G154, D022, D020, D023, D021, D152, D150, D153, D151,
INOGEN™: G148, G140, G146, G141, D012, D010, D013, D011, D142, D140, D143, D141
ORIGEN™: G058, G050, G056, G051, D001, D000, D003, D002, D052, D050, D053, D051

This request is for a family approval under FCC ID: ESC CRMG17912

AUTOGEN™, DYNAGEN™, INOGEN™, ORIGEN™ "D" models are implantable cardioverter defibrillators (ICD), and "G" models are cardiac resynchronization therapy defibrillators (CRT-D). Cardioverter defibrillators (ICD) are used to treat heart rhythms that are abnormally fast, a condition called tachyarrhythmia. Cardiac resynchronization therapy devices (CRT-D) resynchronize heart rhythms in heart failure patients.

AUTOGEN™, DYNAGEN™, INOGEN™, ORIGEN™ "D" and "G" models incorporate radio frequency (RF) telemetry radio which operates in the MICS Band (402-405 MHz). This radio uses an integrated antenna with a maximum radiated output power of -24 dBm. The technical reports and exhibits demonstrate compliance of the 402-405 MHz radio with the applicable

technical requirements contained in CFR Title 47 Part 95. Authorization is sought for the 402-405 MHz radio.

The AUTOGEN™, DYNAGEN™, INOGEN™, ORIGEN™ models also incorporate an integrated low power inductively coupled telemetry coil, operating at 57 KHz. The inductive telemetry radio is subject to the Verification per FCC 15.201(a). All emissions are at least 40 dB below the FCC 15.209 limits.

Variations between the models are limited to the mechanical "header" structure of the device, size of the battery (normal and extended life) and software variations specific to the medical therapy aspects of the product. The radio, the antenna, and the enclosure are electrically and mechanically identical across all the model included in this application. Per FCC KDB 178919, Item 2(h) it is permissible to certify multiple model numbers under one FCC ID if there are only minor circuitry differences for the non-transmitter portions.

Sincerely,

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