

March 15, 2013

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, is providing the following antenna information for the RF telemetry communication feature for AUTOGEN™/ DYNAGEN™/ INOGEN™/ ORIGEN™ Implantable Cardioverter Defibrillators (ICD) and Cardiac Resynchronization Therapy Defibrillators (CRT-D), models in accordance with the TCB412 technical requirements:

- a) The Boston Scientific AUTOGEN™/ DYNAGEN™/ INOGEN™/ ORIGEN™ models use a permanently attached/integrated antenna encased in plastic. Access of the antenna connection to the intentional radiator is prohibited by the model enclosure. Part 15.203 states that the use of a permanently attached antenna is sufficient to comply with the provisions of this section.
  
- b) The factory installed antenna is the only antenna approved for use in the AUTOGEN™/ DYNAGEN™/ INOGEN™/ ORIGEN™ models. The antenna is a custom monopole wire located above the curved metal housing. The antenna is integrated with the device header, and is attached to the intentional radiator via an integral feed-through assembly. The antenna impedance is found to be approximately equal to  $4-j125 \Omega$  in air and the realized gain is found to be about -29.4 dB.

Sincerely,

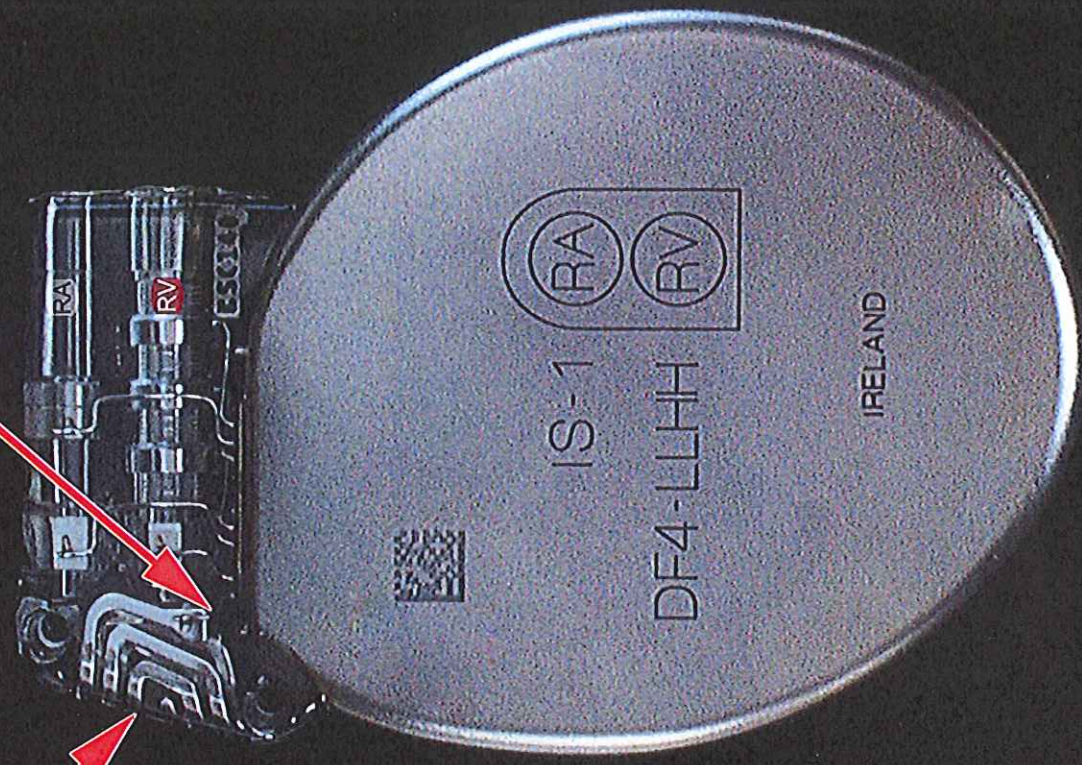


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RF Antenna  
Feedthru Wire



RF Antenna



IS-1  
DF4-LLHH

**AUTOGEN™**  
IGD MODEL D162

TYPE DDDR SN 158101

**Boston  
Scientific**



IS-1

RA  
RV

DF4-LLHH

IRELAND