

03 May, 2019

Dear Sir or Madam:

We, Cardiac Pacemakers, Inc. (a wholly owned subsidiary of Boston Scientific Corporation), located at 4100 Hamline Avenue North, Arden Hills, MN 55112-5798, are providing the following antenna information for the RF telemetry communication feature for the ACCOLADE™ / PROPONENT™ / ESSENTIO™ / VISIONIST™ / VALITUDE™ Implantable Pacemakers and Cardiac Resynchronization Therapy Pacemakers (CRT-P) models, in accordance with TCB412 technical requirements:

- (a) The Boston Scientific ACCOLADE™/ PROPONENT™/ ESSENTIO™/ VISIONIST™/ VALITUDE™ 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 ACCOLADE™/PROponent™/ESSENTIO™/VISIONIST™/VALITUDE™ 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 under implant conditions is found to be approximately equal to 12.8-j41.4 Ω and the realized gain is found to be about -21.5 dB.

Sincerely,



James Kippola
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