

Information about the Applicant

Company Name	Cardiac Pacemakers, Inc. (d.b.a. Guidant)
Grantee	Yogendra Shah
Address	4100 Hamline Avenue North
City, State, Zip	Saint Paul, MN 55112-5798
Job Number	gdmn0037
Model	Model 3120
FCC ID	ESCCRM312005
Agent	Northwest EMC, Inc.
Approval Type	Original
Equipment Class	DXT Part 15, Low Power Transceiver, Rx Verified AND DCD Part 15, low power Tx below 1.705 MHz
Rule Part	15.249, 15.209

Overview

The ZOOM® LATITUDE™ Programming System, which includes the Model 3120 Programmer/Recorder/Monitor (PRM), is a portable cardiac rhythm management system designed to be used with certain models of Guidant implantable pulse generators. It is a composite system with two radios; one operating under 15.209 and the other under 15.249. The 15.249 radio operates with two diversity antennas – one external and one internal to the 3120. The external antenna uses a reverse polarity SMA connector to meet the requirements of 47 CFR 15.203. The 15.209 radio is designed to be used only with the Model 6577 Sterilizable Telemetry Wand (inductive loop).

Recommendation

All items have been resolved and completed to my satisfaction; therefore I recommend this application for approval.

Signature


6/10/2005

Dave Tolman, TCB Committee

Findings

Opinions	
Specification Requirements	Description
47 Cfr 2.1033(b)(3)	Installation guide, operating instructions,user manual
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	User Manual.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(4)	Operational description
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Operational Description.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(5)	Frequency block diagram and Schematic diagram
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Frequency Block Diagram 68 kHz - confidential.pdf, Frequency Block Diagram 915 MHz - confidential.pdf

Specification Requirements	Description
47 cfr 2.1033(b)(6)	Test Report
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(6)	Conversions showing how the test results were achieved
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(7)	Internal and external photos
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Internal Photos.pdf, External Photos.pdf

Specification Requirements	Description
47 Cfr 2.1093	R F Exposure limits mobile equipment
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	RF Exposure.pdf

Specification Requirements	Description
47 Cfr 15.19	Labeling
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	User Manual.pdf, Label.pdf

Specification Requirements	Description
47 Cfr 15.21	Information for user
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	User Manual.pdf

Specification Requirements	Description
47 Cfr 15.27	Special accessories
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 15.33	Frequency range of tests
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 15.35	Measurement detectors
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
ANSI C63.4 EUT Ports	All EUT ports populated, emissions maximized, Antenna height adjusted
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 15.203	Antenna Requirements
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Antenna Info - 68 kHz antenna.pdf, Antenna Info - 915 MHz antenna.pdf

Specification Requirements	Description
47 Cfr 15.205	Restricted bands
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0037.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 15.207	Power line Conducted emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 15.209	Spurious Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 15.249	Field Strength of Fundamental
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf

Specification Requirements	Description
47 Cfr 15.249	Field Strength of Spurious Emissions
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report-GDMN0006.1 Rev. 01.pdf, Report-GDMN0006.1 Rev. 01.pdf