

Information about the Applicant

Company Name	Guidant Inc.
Grantee	Randy Nuernberg
Address	4100 Hamline Avenue North
City, State, Zip	Saint Paul, MN 55112-5798
Job Number	GDMN0028
Model	Communicator
FCC ID	ESCCRM648204
Agent	Northwest EMC
Approval Type	Original
Equipment Class	DXT Part 15, Low Power Transceiver, Rx Verified
Rule Part	15.249

Overview

The Cardiac Pacemakers, Inc. (d.b.a. Guidant) Model 6482 LATITUDE Communicator is an in-home monitor of RF enabled Cardiac Pacemakers, Inc. (d.b.a. Guidant) implantable pulse generators. The Model 6482 Communicator contains an internal radio that operates at 914MHz in order to communicate with the RF enabled implanted pulse generators. The Model 6482 Communicator has a Bluetooth radio that allows it to collect data from Bluetooth enabled in-home health sensors (such as a weight scale and blood pressure monitor). The Model 6482 Communicator has been designed such that both radios cannot operate simultaneously. The nominal operating mode will have the Bluetooth radio in receive/slave mode and the 914MHz radio off. When the Model 6482 Communicator initiates the 914MHz radio, it first turns the Bluetooth radio off. Once 914MHz activity is complete the Communicator returns to it's nominal mode of Bluetooth radio in receive/slave mode and the 914MHz radio off.

Recommendation

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

Signature

12/20/2004

Dave Tolman, TCB Committee

Findings	
Specification	Finding
47 Cfr 2.1033(b)(7)	Internal and external photos
Finding	The external photo supplied is for ESCCRM648205, as shown from the bottom view.
Resolution	An updated photo exhibit was provided by the customer.

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
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Block Diagram.pdf

Specification Requirements	Description
47 Cfr 2.1033(b)(6)	Schematic diagram
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Schematics.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 original photo sent did not have the correct FCC ID on it, but it was corrected.
Reference	Internal Photos.pdf, External Photos.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	Schematics.pdf

Specification Requirements	Description
Required Exhibit	Test Setup Photo Exhibit
Opinion	The device meets the requirements of the rule.
Discussion	The client has provided the necessary exhibit.
Reference	Report_GDMN0028.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_GDMN0028.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_GDMN0028.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_GDMN0028.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_GDMN0028.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	Report_GDMN0028.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_GDMN0028.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_GDMN0028.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_GDMN0028.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_GDMN0028.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_GDMN0028.pdf