

Information about the Applicant

Applicant:	Logitech, Inc.
Address:	1499 SE Tech Center Place Suite 350
City, State, Zip	Vancouver, WA 98683
Test Requested By:	Mitchell Phillipi
Model:	Bluetooth Dongle for Generic MP3 Players MN: F-0415A Bluetooth Dongle for iPod MN: F-0397A
FCC ID:	DZLF0415A DZLF0397A.
Agent	Northwest EMC, Inc.
Approval Type	Certification
Equipment Type	Low power intentional radiator
Rule Part	15.247

Overview

This application for the certification of Logitech's F-0397A transmitter, FCC ID: DZLF0397A. It is a Bluetooth dongle for the iPOD. The radio utilizes an integral antenna. This configuration satisfies the requirements of 47 CFR 15.203. The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247 as a DTS transmitter.

It is also an application for the certification of Logitech's F-0415A transmitter, FCC ID: DZLF0415A. It is a Bluetooth dongle for generic MP3 players. The radio utilizes an integral antenna. This configuration satisfies the requirements of 47 CFR 15.203. The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247 as a DTS transmitter.

The F-0415A is a Bluetooth dongle that connects to any MP3 player. The F-0397A is a Bluetooth dongle that only connects to Apple Computer's iPod MP3 player. Both dongles provide wireless connectivity to Bluetooth headphones. Both models are identical except for the geometry of the audio connector that interfaces to the host device.

Findings

Item	The conducted emissions in the report should be organized the same as the radiated spurious emissions.
Resolution	Report has been corrected.
Item	The technical report states the direct connect tests were performed on the F-0415A, the data in the report states the F-0397A was used for direct connect tests.
Resolution	Report has been corrected.
Item	The technical report states battery power was used in many of the test descriptions and data sheets, yet there is an AC adapter listed in the description and appears in the photos
Resolution	Report is correct, additional information has been provided.
Item	The user manual is missing the statements required for Part 15 devices: Sec. 15.21 Information to user. The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. Sec. 15.19 Labelling requirements. (a) In addition to the requirements in part 2 of this chapter, a device subject to certification, or verification shall be labelled
Resolution	Information is actually there on page 2.

Recommendation

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

Signature


Opinion

Specification Requirements	Description
15.207	Conducted Power Line Emissions

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report

Reference: Technical Report

Specification Requirements	Description
15.247(a)	Bandwidth

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report

Reference: Technical Report

Specification Requirements	Description
15.247(b)	Power Output

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report

Reference: Technical Report

Specification Requirements	Description
15.247(d)	Spurious Emissions, Antenna Conducted

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report

Reference: Technical Report

Specification Requirements	Description
15.247(d)	Spurious Emissions, Radiated Emissions

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report.

Reference: Technical Report

Specification Requirements	Description
15.247(e)	Power Spectral Density

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report

Reference: Technical Report

Specification Requirements	Description
15.247(d)	Band Edge Compliance

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted test results in the form of a test report.

Reference: Technical Report

Specification Requirements	Description
2.1091/15.247	RF Exposure

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted MPE estimates demonstrating compliance.

Reference: RF Exposure Exhibit

Specification Requirements	Description
Additional Requirements	FCC Compliance common to all Bluetooth Devices

Opinion: The Equipment meets the intent specified by the requirements listed above.

Discussion: The Applicant has submitted the required information in the test report.

Reference: Technical Report