Information about the Applicant

Company Name	Logitech Inc
Address	6505 Kaiser Drive
City, State, Zip	Fremont, California 94555
Requested By	Mitchell Phillipi
Job Number	LABT0056.3
Model	F-0133B
FCC ID	DZLF0133B
IC Certification Number	N/A
Agent	None
Approval Type	Original Grant
Equipment Type	Part 15, Low Power Transceiver, RX Verified
Rule Part	15.249

Overview

The applicant's radio device is a low power transceiver operating in the 902-928 MHz band seeking authorization under 15.249. It is a dongle attachment to Nokia cellular phones and is part of a communications system that includes an ear-bud style headset. The system provides hands-free wireless communications for cell phone users. The dongle and headset are certified separately.

Recommendation

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

September 17, 2003

_____   _____
Gregory V. Kiemel, Director of Engineering   Date

Findings and Resolution

Item	Antenna Info exhibit does not describe the part no, or manufacturer
Resolution	Information provided in revised antenna info exhibit
Item	Include only information for the radio described in this application
Resolution	Information for other radios was removed from the application
Item	The cover letter was unclear as to which device is seeking authorization under FCC ID DZLF0133B.
Resolution	A revised cover letter was submitted that specified the device seeking authorization
Item	Internal photos exhibit did not show or indicate the antenna.
Resolution	A revised antenna info exhibit showed antenna and its location in the radio.
Item	Conflicting information regarding frequency range of the device.
Resolution	The test report and frequency block diagram were revised
Item	The test report did not provide an adequate explanation of the test method.
Resolution	A revised test report included additional details concerning testing methods and data.
Item	The test report did not have a complete equipment list.
Resolution	A revised test report included a complete equipment list.
Item	The test report did not state that the semi-anechoic chamber was FCC listed.
Resolution	The applicant stated the chamber is FCC-listed as #90808
Item	The test report had graphical data above 1 GHz compared to average and quasi-peak limits.
Resolution	The revised test report has graphical data compared to peak and average limits above 1 GHz.
Item	No evidence was provided that the receiver portion of the radio had been FCC verified.
Resolution	The revised test report included additional data that demonstrated compliance with FCC verification requirements.

Opinion

Specification Requirements	Description
2.1091, 2.1093	RF Exposure

Opinion: The Equipment meets the intent specified by the requirements listed above. It is categorically excluded from routine environmental evaluation.

Specification Requirements	Description
15.249	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
15.249	Field Strength of the Fundamental

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
15.207	AC Powerline Conducted Emissions

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

Discussion: The Applicant has stated that the radio is powered by its own rechargeable battery. It only operates when attached to the cell phone. The radio must be removed from the cell phone for recharging and it does not operate when charging in its charging dock. It will not operate while the cell phone is charging. Therefore, no AC power line conducted emissions measurements are required.