

**Information about the Applicant**

<b>Company Name</b>	Nike
<b>Address</b>	1 Bowerman Drive, Mia Hamm Building, Floor 2
<b>City, State, Zip</b>	Beaverton, OR, 97005
<b>Requested By</b>	Charlie Case
<b>Job Number</b>	SMA011 Digital Heart Rate Monitor
<b>Model</b>	Nike
<b>FCC ID</b>	QYUHRM2400
<b>Agent</b>	Northwest EMC, Inc.
<b>Approval Type</b>	Certification
<b>Equipment Type</b>	Low power transmitter
<b>Rule Part</b>	15.249

**Overview**

This application is for the Nike SMA011 transmitter, FCC ID: QYUHRM2400. It operates 916.5 MHz (center frequency) utilizing On-Off-Keying (OOK) modulation. The transmitter is contained in a chest strap and is intended to be used with a watch receiver (that has FCC authorization) to display real time heart rate data on the watch during exercise. When the strap is worn on the chest and powered on, it transmits the users current heart rate in beats per minute to the watch, about 1 meter away.

The transmitter contains an integral antenna that is etched onto the circuit board. This satisfies the requirements of 47 CFR 15.203. The Northwest EMC technical report is supplied in support of this antenna.

**Recommendation**

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



\_\_\_\_\_  
Dean Ghizzone, President

July 29, 2003

\_\_\_\_\_  
Date

**Findings and Resolution**

<b>Item</b>	
<b>Resolution</b>	

## Opinion

Specification Requirements	Description
2.1093	RF Exposure

**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:** Exhibit H

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:** Exhibit M

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:** Exhibit M