

Information about the Applicant	
Company Name	SPARQ Products, Inc.
Grantee	Polly James
Address	411 NW 13th Avenue
City, State, Zip	Portland, OR 97209
Job Number	SPRQ0001
Model	SPARQ Digital Cone
FCC ID	TTB-70640C
Agent	Northwest EMC, Inc.
Approval Type	Original
Equipment Class	DSS Part 15, Spread Spectrum Transmitter
Rule Part	15.247HOP

Industry Canada Information	
Model	SPARQ Digital Cone
Industry Canada ID	6270A-70640C
Rule Part	RSS 210 Issue 6

Overview

This application is for the certification of the SPARQ Digital Cone, FCC ID: TTB-70640C. It is a 15.247 frequency hopping transmitter that operates in the 916-927MHz band. The Digital Cone unit is used in conjunction with the Digital Handheld unit, FCC ID: TTB-70657HH. The devices are used in athletic environments to measure athletic performance. Optical sensors in the Digital Cone detect the passage of athletes and transmit timing data to the handheld. It is battery operated with no provision for connection to the AC mains either directly, or indirectly from another device. The radio utilizes a single tapped loop antenna that is printed on the top side of the circuit board. This configuration satisfies the requirements of 47 CFR 15.203. The receiver portion of this radio transceiver has been verified to FCC 15B. The technical reports and exhibits demonstrate compliance with FCC rules 47 CFR 15.247 as a frequency hopping transmitter.

Recommendation

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

Signature


3/2/2006

Dean Ghizzone, TCB Committee