

Information about the Applicant

Applicant:	PSC Inc.
Address:	959 Terry Street
City, State, Zip	Eugene, OR 97402-9120
Test Requested By:	Jerry Kalina
Model:	Falcon 5500
FCC ID:	O9NFALCON5500
Agent	Northwest EMC, Inc.
Approval Type	Class II Permissive Change
Equipment Type	Low power intentional radiator
Rule Part	15.247

Overview

This application is for the Class II Permissive Change of PSC's Falcon 5500, FCC ID: O9NFALCON5500. The Falcon 5500 is a hand-held computer used to read barcode labels and Radio Frequency Identification (ID) (RFID) tags for inventory management applications. The Falcon 5500 contains an integral RFID radio module, Model ST-200, which operates in the 902 – 928 MHz band as a frequency hopping spread spectrum transmitter. There have been no changes to the RFID radio module or its antenna. This Class II application is for the co-location of an 802.11(b) radio module, FCC ID: LDK102040, inside the Falcon 5500. Each radio transmits through its own antenna. Per the latest FCC / TCB Training on May 13, 2005, Steve Dayhoff's presentation on Slide 9/13 stated "Simultaneous transmission data (radiated and antenna conducted) is required to be submitted only when the devices can transmit simultaneously and share a common antenna." Since the two radios do not share an antenna, no radiated spurious emissions measurements are submitted in support of this Class II permissive change. However since the MPE estimates are significantly increased over the original filing, that information is submitted for approval.

Findings

Finding	
Resolution	

Recommendation

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

Signature

Opinion

Specification Requirements	Description
2.1091/15.247(b)(5)	RF Exposure

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

Discussion: The Applicant has submitted a RF Exposure Exhibit demonstrating compliance.

Reference: RF Exposure Exhibit