

## Information about the Applicant

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

## Overview

This application is for the certification of PSC's Falcon 5500 transmitter, FCC ID: O9NFALCON5500. The Falcon 5500 is a hand-held RFID computer used to read barcode labels and Radio Frequency Identification (ID) (RFID) tags for inventory management applications. The integral RFID radio operates in the 902 – 928 MHz band as a frequency hopping spread spectrum transmitter. The Falcon 5500 is battery operated, but can operate while placed in its charging dock. The radio utilizes a single integral patch antenna. This configuration satisfies the requirements of 47 CFR 15.203. The receiver portion of this radio transceiver has been verified to FCC 15B.

## Findings

<b>Finding</b>	
<b>Resolution</b>	

## 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(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(d)	Spurious Emissions, Conducted 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(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
15.247(b)	Output Power

**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) (1)	Number of Hopping Frequencies

**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) (1)	Dwell Time

**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) (1)	Channel Spacing

**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)	Occupied 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
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