

**Test Setup Photograph Exhibit Prepared By:**

**Electronics Test Centre  
MPB Technologies Inc.**  
Unit 100  
302 Legget Drive  
Kanata Ontario K2K 1Y5

**Test Setup Photograph Exhibit**

**ON**

**IDBlue(tm) Wireless RFID Reader**

**MPBT Report No.: C84R1520**

**Customer P.O. No.: 28092004-01**

Personnel: Scott Drysdale

Prepared for:  
Cathexis Innovations Inc,  
P.O. Box 23131  
Churchill Square, St. Johns, NL  
A1B 4J9 Canada

Date: January 25, 2005

---

Dan Zanette  
Lab Manager  
Electronic Test Centre  
Kanata, Ontario  
Authorized Signatory

---

Reviewed By



## TABLE OF CONTENTS

<b>1.0</b>	<b>INTRODUCTION .....</b>	<b>3</b>
1.1	SCOPE .....	3
1.2	APPLICANT .....	3
1.3	APPLICABILITY .....	3
1.4	TEST SAMPLE DESCRIPTION .....	3
1.5	PHOTOGRAPH DETAILS .....	3
<b>2.0</b>	<b>PHOTOGRAPHS .....</b>	<b>4</b>
2.1	TEST SETUP PHOTOGRAPHS .....	4
2.1.1	<i>EMISSION MASK (3)</i> .....	4
2.1.2	<i>UNWANTED EMISSIONS (3)</i> .....	8
2.1.3	<i>FREQUENCY STABILITY (2)</i> .....	11
2.1.4	<i>RADIATED SUSCEPTIBILITY (1)</i> .....	13
2.1.5	<i>ELECTROSTATIC DISCHARGE (1)</i> .....	14

## 1.0 **INTRODUCTION**

### 1.1 **SCOPE**

The purpose of this report is to present the Photograph exhibit to meet the filing requirements.

### 1.2 **APPLICANT**

This report has been prepared for Cathexis Innovations Inc.

### 1.3 **APPLICABILITY**

All photographs in this document apply to the IDBlue™ wireless RFID reader which shall be referred to herein as the Equipment Under Test (**EUT**).

The results contained in this report relate only to the item(s) tested.

This report does not imply product endorsement by NVLAP or the Canadian or US governments.

### 1.4 **TEST SAMPLE DESCRIPTION**

The test sample provided for testing is as described below.

Product Type:	Prototype
Serial Number:	
Model Number:	IB-RF0011-BT
Part Number:	
Cables:	None – Wireless

### 1.5 **PHOTOGRAPH DETAILS**

All photographs were taken with a digital camera at 2816x2112 resolution and are presented below at 7.5x10 inches mounted on 8.5x11 inches paper size. JPEG mode was utilized and to minimize the effects of compression, the minimum compression mode was utilized.

A metric measurement instrument such as a ruler has been included in the photographs for relative size comparisons.

## **2.0 PHOTOGRAPHS**

### **2.1 TEST SETUP PHOTOGRAPHS**

- 2.1.1 EMISSION MASK (3)**
- 2.1.2 UNWANTED EMISSIONS (3)**
- 2.1.3 FREQUENCY STABILITY (2)**
- 2.1.4 RADIATED SUSCEPTIBILITY (1)**
- 2.1.5 ELECTROSTATIC DISCHARGE (1)**



















