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EMI, EMC, RF Testing Experts Since 1963

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## Test Report

Prepared for: Hancett Entry Systems, Inc.

Model: K100-6201A

Description: Electronic Cabinet Lock System

To

FCC Part 1.1310

Date of Issue: June 7, 2012

On the behalf of the applicant:

Hancett Entry Systems, Inc.  
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Attention of:

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Project No: p1250006

**Greg Corbin**  
Project Test Engineer

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### Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	June 7, 2012	Greg Corbin	Original Document
2.0	Oct 22, 2012	Karen Springer	Model information updated



## ILAC / A2LA

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The tests results contained within this test report all fall within our scope of accreditation, unless noted below

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Testing Certificate Number: **2152.01**



**FCC OATS Reg, #933597**

**IC Reg. #2044A-1**

### **Non-accredited tests contained in this report:**

**N/A**



## RF Exposure Evaluation

### 13.56 MHz RFID Transmitter

#### Description

Door mounted keycard entry system with 2 wireless RF transmitters.  
One transmitter is a RFID transmitter operating at 13.56 MHz using ASK modulation.  
The 2nd transmitter is a DSS transmitter operating at 2.4 GHz.  
Only one transmitter is transmitting at a time.

The 13.56 MHz Transmitter is a portable device exempt from RF Exposure Evaluation per 47 CFR 2.1093(c).

**The SAR measurement is not necessary.**



## RF Exposure Evaluation

### 2.4 GHz DTS Transmitter

#### Description

Door mounted keycard entry system with 2 wireless RF transmitters.  
One transmitter is a RFID transmitter operating at 13.56 MHz using ASK modulation.  
The 2nd transmitter is a DSS transmitter operating at 2.4 GHz.  
Only one transmitter is transmitting at a time.

#### Measurement Result

Tuned Frequency	Radiated Peak Output Power	RF Exposure Limit
2405	0.00152 mW	24.948 mW
2440	0.000914 mW	24.590 mW
2475	0.000914 mW	24.242 mW

The peak output power is lower than the low threshold of  $60/2.405$  GHz = (24.948 mW), for  $d < 2.5$  cm general population category.

**The SAR measurement is not necessary.**

END OF TEST REPORT