Compliance Testing, LLC
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Test Report

Prepared for: SecureALL Coporation

Model: SA-ODL

Description: Electronic door reader/lock

Serial Number: 00002

FCC ID: Y29-SA-ODL

To

FCC Part 1.1310

Date of Issue: May 4, 2020

On the behalf of the applicant:	**SecureALL Coporation** **900 Lafayette St Suite 202** **Santa Clara, CA 95050**
Attention of:	**Arun Sharma,** **Ph: (408)246-6227** **Email: arun.sharma@secureallcorp.com**

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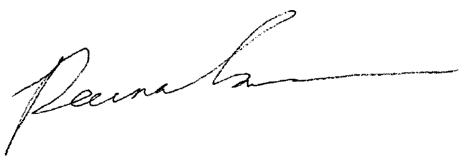

Poona Saber
Project Test Engineer

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Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	May 4, 2020	Poona Saber	Original Document

ILAC / A2LA

Compliance Testing, LLC, has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer joint ISO-ILAC-IAF Communiqué dated January 2009)

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

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Testing Certificate Number: **2152.01**

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IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

N/A

EUT Description
Model: SA-ODL
Description: Electronic door reader/lock
Serial Number: 00002

Additional Information: SA-ODL is a battery-operated device wireless lock t, using 4 AA dry cells. The device communicates with a router device on a 2.4 GHz ISM band with operating frequency range of 2400-2480 MHz.
Its transceiver employs DSSS communication and at any given time radio connects to one of the following two antennas that it utilizes:

1- Outside Antenna which is a vertically polarized array antenna with +3.5 dBi gain
2- Inside Antenna which is a vertically polarized cavity backed slot antenna with 2 dBi gain

MPE Evaluation

This is a Fixed device used in Uncontrolled Exposure environment.

Limits Controlled Exposure 47 CFR 1.1310 Table 1, (A)	0.3-3.0 MHz:	Limit [mW/cm²] = 100
	3.0-30 MHz:	Limit [mW/cm²] = (900/f²)
	30-300 MHz:	Limit [mW/cm²] = 1.0
	300-1500 MHz:	Limit [mW/cm²] = f/300
	1500-100,000 MHz	Limit [mW/cm²] = 5

Limits Uncontrolled Exposure 47 CFR 1.1310 Table 1, (B)	0.3-1.234 MHz:	Limit [mW/cm²] = 100
	1.34-30 MHz:	Limit [mW/cm²] = (180/f²)
	30-300 MHz:	Limit [mW/cm²] = 0.2
	300-1500 MHz:	Limit [mW/cm²] = f/1500
	1500-100,000 MHz	Limit [mW/cm²] = 1.0

Test Data

Test Frequency, MHz	2405
Power, Conducted, mW (P)	3.58
Antenna Gain Isotropic	3.5 dBi
Antenna Gain Numeric (G)	2.23
Antenna Type	Array antenna
Distance (R)	20 cm

$S = \frac{P * G}{4\pi r^2}$
Power Density (S) mw/cm^2

Power Density (S) = 0.00158
Limit = (from above table) = 1

The device is compliant with the requirement MPE limit for uncontrolled exposure.

END OF TEST REPORT