Test Report

Prepared for: Luna Products LLC

Model: LP.SMHT01.345.1

Description: Single Station Multicriteria Smoke Alarm

Serial Number: NA

FCC ID: 2ATK4LPSMHT013451

To

FCC Part 1.1310

Date of Issue: June 24, 2024

On the behalf of the applicant:	**Luna Products LLC** **3145 Tiger Run CT. STE 110** **Carlsbad, CA 92010** **United States**
Attention of:	**Robert Reichert, Sr. Regulatory Engineer** **Ph: 833-586-2776** **E-mail: rreichert@lunaproducts.com**

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John Michalowicz
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	June 24, 2024	John Michalowicz	Original Document
2.0	June 28, 2024	John Michalowicz	Updated exemption analysis to 1 mw

Compliance Testing, LLC, has been accredited in accordance with the recognized International Standard ISO/IEC 17025:2017. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to the joint ISO-ILAC-IAF Communiqué dated January 2009).

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

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FCC Site Reg. #349717

IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

N/A

EUT Description
Model: LP.SMHT01.345.1
Description: Single Station Multicriteria Smoke Alarm
Firmware: N/A
Software: 0
Serial Number: NA
Highest Clock Frequency: 345 MHz (Transmitter)
Additional Information: The EUT is a battery powered smoke detector with wireless capability. The EUT transmits on 345 MHz

Source Based Time Averaged Power Calculation

Average Power calculations

Average Power = Peak Power * duty-cycle%

Tuned Frequency (MHz)	Conducted Peak Output Power (mW)	Duty Cycle (%)	Average Power (mW)
345	0.0631	100	0.0631

The EUT meets the 1mw SAR exemption per KDB 447498
Note: Max output power value is obtained from associated report.

END OF TEST REPORT