



## **Test Report**

Prepared for: Tag-N-Trac

Model: SLB1.1

Serial Number: NA

## Project No: p24b0009

**Test Results: Pass** 

То

FCC Part 1.1310

Date of Issue: February 10, 2025

On the behalf of the applicant:

Attention of:

Prepared By:

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**Reviewed / Authorized By:** 

John Michalowicz, Test Engineer

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# **Test Report Revision History**

Revision	Date	Revised By	Reason for Revision
1.0	February 10, 2025	John Michalowicz	Original Document
2.0	March 17, 2025	John Michalowicz	Updated the use case of the EUT to Mobile
3.0	April 21, 2025	John Michalowicz	Updated separation distance to 20cm



#### ANAB

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

Please refer to <u>http://www.compliancetesting.com/labscope.html</u> for current scope of accreditation.



FCC Site Reg. #349717

IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

#### N/A

Model:	SLB1.1		
Serial:	NA		
Firmware:	1.8		
Software:	NA		
Description:	Flexible BLE tracker tag used for packages		
Additional	The device is powered using an internal non-replaceable battery at a		
Information:	nominal voltage of 3 vdc		
	Radio Frequency Range and Operational Info: 2402 – 2480 MHz		
	Usage: Portable		
Receipt of	December 16 <sup>th</sup> , 2024		
Sample(s):			
EUT			
Condition:			
	Visual Damage No		
	State of Development Engineering Sample/Prototype		



### **MPE Evaluation**

This is a mobile device used in Uncontrolled Exposure environment.

Limits Controlled Exposure	0.3-3.0 MHz:	Limit [mW/cm <sup>2</sup> ] = 100
47 CFR 1.1310	3.0-30 MHz:	Limit $[mW/cm^{2}] = (900/f^{2})$
Table 1, (A)	30-300 MHz:	$Limit [mW/cm^{2}] = 1.0$
	300-1500 MHz:	Limit [mW/cm <sup>2</sup> ] = f/300
	1500-100,000 MHz	$Limit [mW/cm^{2}] = 5$
Limits Uncontrolled Exposure	0.3-1.234 MHz:	Limit [mW/cm <sup>2</sup> ] = 100
47 CFR 1.1310	1.34-30 MHz:	Limit $[mW/cm^{2}] = (180/f^{2})$
Table 1, (B)	30-300 MHz:	Limit $[mW/cm^2] = 0.2$
	300-1500 MHz:	Limit [mW/cm <sup>2</sup> ] = f/1500
	1500-100,000 MHz	Limit $[mW/cm^2] = 1.0$

#### Test Data

Test Frequency, MHz	2402
Power, Radiated, mW (P)	3.45
Distance (R)	20 cm

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

Power Density (S) =0.00068	
Limit = (from above table) = 1.0	

END OF TEST REPORT