

Test Report

Prepared for: Tag-N-Trac

Model: SLB1.1

Serial Number: NA

Project No: p24b0009

Test Results: Pass

To

FCC Part 1.1310

Date of Issue: February 10, 2025

On the behalf of the applicant:

Tag-N-Trac
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Attention of:

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Prepared By:

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ANAB Cert#: AT-2901
FCC Site Reg. #US2901
ISED Site Reg. #2044A-2

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.

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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 Information:	The device is powered using an internal non-replaceable battery at a nominal voltage of 3 vdc Radio Frequency Range and Operational Info: 2402 – 2480 MHz Usage: Portable
Receipt of Sample(s):	December 16 th , 2024
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 47 CFR 1.1310 Table 1, (A)

0.3-3.0 MHz:	Limit [mW/cm ²] = 100
3.0-30 MHz:	Limit [mW/cm ²] = (900/f ²)
30-300 MHz:	Limit [mW/cm ²] = 1.0
300-1500 MHz:	Limit [mW/cm ²] = f/300
1500-100,000 MHz	Limit [mW/cm ²] = 5

Limits Uncontrolled Exposure 47 CFR 1.1310 Table 1, (B)

0.3-1.234 MHz:	Limit [mW/cm ²] = 100
1.34-30 MHz:	Limit [mW/cm ²] = (180/f ²)
30-300 MHz:	Limit [mW/cm ²] = 0.2
300-1500 MHz:	Limit [mW/cm ²] = 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 ²

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

END OF TEST REPORT