



Compliance Testing, LLC

Previously Flom Test Lab

EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Garmin International

Model: M/N: O4AHNH00

Description: Wireless Training Device

FCC ID: IPH-O4AHNH00

To

FCC Part 1.1310

Date of Issue: February 25, 2014

On the behalf of the applicant:

Garmin International
1200 East 151st Street
Olathe, KS 66062

Attention of:

Paul Phrommany, Compliance Engineer
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Project No: p1410007

Alex Macon
Project Test Engineer

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Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	February 25, 2014	Alex Macon	Original Document
2.0	March 31, 2014	Amanda Reed	Updated model description per customer request



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

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

Testing Certificate Number: **2152.01**



FCC Site Reg. #349717

IC Site Reg. #2044A-2

Non-accredited tests contained in this report:

N/A



Description

The EUT is a handheld transmitter paired with a receiver collar which is used in a dog training application.

This is a portable device.

Measurement Result

Tuned Frequency	Conducted Peak Output power (100% Duty Cycle)	RF Exposure Limit
27.045 MHz	303 mW	929.41 mW

This is a portable device as it is a hand-held transmitter paired with a receiver collar which is used in a dog training application. The SAR exclusion from KDB 447498 Appendix C being applied.

Exclusion Ratio

Formula 1 from Section 4.3.1 of KDB 447498 D01

Exclusion Threshold = 7.5

Step 1: at 100 MHz and 50 mm, power threshold = $(7.5 * 50) / \text{sqrt}(0.1) = 1185 \text{ mW}$

Step 2a): $1185 + (50 - 50) * (27/150) = 1185 \text{ mW}$

Step 3a): $1185 * [1 + \log(100/27)] = 1858.83 \text{ mW}$

Step 3b): $1858.83/2 = 929.41 \text{ mW}$

PER the exclusion requirement of KDB 447498 a SAR measurement is not necessary.

END OF TEST REPORT