



Compliance Testing, LLC

Previously Flom Test Lab

EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Garmin International, Inc.

Model: A03393

Description: Short Range Transceiver

Serial Number: N/A

FCC ID: IPH-03393

To

FCC Part 1.1310

Date of Issue: November 15, 2017

On the behalf of the applicant:

Garmin International, Inc.
1705 S. Research Loop
Tucson, AZ 85710

Attention of:

Rick Waybright, Regulatory Manager
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Prepared By
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Project No: p1790006

Kenneth Lee
Project Test Engineer

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Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	September 22, 2017	Kenneth Lee	Original Document
2.0	November 15, 2017	Amanda Reed	Updated model information

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

EUT Description

Model: A03393

Description: Short Range Transceiver

Firmware: N/A

Software: N/A

Serial Number: N/A

Additional Information: None



MPE Evaluation

This is a portable 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, Conducted, mW (P)	4.24
Antenna Gain Isotropic	2.5dBi
Antenna Gain Numeric (G)	1.79
Antenna Type	Integral
Distance (R)	20 cm

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

Power Density (S) =	0.0015099475
Limit =(from above table) =	1.0

END OF TEST REPORT