



Compliance Testing, LLC

Previously Flom Test Lab

EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Emotiv Inc.

Model: Insight

Description: Wireless Neurological Headset

Serial Number: N/A

FCC ID: 2ADIH-INSIGHT01

To

FCC Part 1.1310

Date of Issue: July 15, 2015

On the behalf of the applicant:

Emotiv Inc.
490 Post Street
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Attention of:

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Prepared By
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Project No: p14a0008

Alex Macon
Project Test Engineer

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Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	April 21, 2015	Alex Macon	Original Document
2.0	July 15, 2015	Alex Macon	Corrected category of device to portable.



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

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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: Insight

Description: Wireless Neurological Headset

S/N: N/A

Additional Information: None



MPE Evaluation

This is a portable headset device used in Uncontrolled Exposure environment.

Measurement Result

Tuned Frequency	Conducted Peak Output power (100% Duty Cycle)	RF Exposure Limit
2402 MHz	0.024 mW	3.0

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

$[(\text{max. power of channel, including tune-up tolerance, mW})/(\text{min. test separation distance, mm})] \cdot [\sqrt{f(\text{GHz})}]$
 ≤ 3.0 for 1-g SAR and ≤ 7.5 for 10-g extremity SAR,25 where

$$[(0.024)/(5)] * [\sqrt{2.402}]$$

$$0.0048 * 1.5498 = 0.0074$$

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

END OF TEST REPORT