



## **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: Emotiv EPOC Model 1.1

Description: EEG Neuroheadset for consumer use - Trademarked as EPOC+

Serial Number: N/A

FCC ID: 2ADIH-EPOC02

To

FCC Part 1.1310

Date of Issue: March 3, 2015

On the behalf of the applicant:

Emotiv Inc.  
490 Post Street  
Suite 824  
San Francisco, CA 94102

Attention of:

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Project No: p14a0008

**Alex Macon**  
**Project Test Engineer**

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All results contained herein relate only to the sample tested



### Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	November 25, 2014	Alex Macon	Original Document



## 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:** Emotiv EPOC Model 1.1

**Description:** EEG Neuroheadset for consumer use - Trademarked as EPOC+

**S/N:** N/A

**Additional Information:** None



## MPE Evaluation

This is a portable device used in Uncontrolled Exposure environment.

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

0.3-1.234 MHz:	Limit [mW/cm <sup>2</sup> ] = 100
1.34-30 MHz:	Limit [mW/cm <sup>2</sup> ] = (180/f <sup>2</sup> )
30-300 MHz:	Limit [mW/cm <sup>2</sup> ] = 0.2
300-1500 MHz:	Limit [mW/cm <sup>2</sup> ] = f/1500
1500-100,000 MHz	Limit [mW/cm <sup>2</sup> ] = 1.0

### Test Data

Test Frequency, MHz	2402
Power, Radiated, mW (P)	0.0302
Antenna Gain Isotropic	0dBi
Antenna Gain Numeric (G)	1
Antenna Type	integral
Distance (R)	20 cm

$S = \frac{P * G}{4\pi r^2}$			
Power Density (S) mw/cm <sup>2</sup>	Power mW (P)	Numeric Gain (G)	Distance (r) cm
0.0000060083	0.0302	1	20

Power Density (S) =0.0000060083
Limit =(from above table) = 1.0

END OF TEST REPORT