



## **Compliance Testing, LLC**

Previously Flom Test Lab

EMI, EMC, RF Testing Experts Since 1963

toll-free: (866) 311-3268

fax: (480) 926-3598

<http://www.ComplianceTesting.com>

[info@ComplianceTesting.com](mailto:info@ComplianceTesting.com)

### **Test Report**

**Prepared for: Cellphone Mate Inc**

**Model: EZBOOST**

**Description: Dual Band Signal Booster**

**FCC ID: RSNEZBOOST**

**To**

**FCC Part 1.1310**

**Date of Issue: December 3, 2014**

**On the behalf of the applicant:**

**Cellphone-Mate Inc.  
48346 Millmont Drive  
Fremont, CA 94538**

**To the attention of:**

**Hongtao Zhan, CEO  
Ph: (510) 770-0469  
Email: [hzhane@cellphone-mate.com](mailto:hzhane@cellphone-mate.com)**

**Prepared By  
Compliance Testing, LLC  
1724 S. Nevada Way  
Mesa, AZ 85204  
(480) 926-3100 phone / (480) 926-3598 fax  
[www.compliancetesting.com](http://www.compliancetesting.com)  
Project No: p14a0024**

**Mike Graffeo  
Project Test Engineer**

This report may not be reproduced, except in full, without written permission from Compliance Testing  
All results contained herein relate only to the sample tested



### Test Report Revision History

| Revision | Date              | Revised By   | Reason for Revision |
|----------|-------------------|--------------|---------------------|
| 1.0      | November 26, 2014 | Mike Graffeo | 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



**836.5 MHz center band for Controlled use:**

**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      | 836.5    |
| Power, Radiated, mW (P)  | 79.799   |
| Antenna Gain Isotropic   | 5dBi     |
| Antenna Gain Numeric (G) | 3.16     |
| 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 |
| 0.0502                               | 79.799       | 3.16             | 20              |

|                                    |
|------------------------------------|
| Power Density (S) =0.0502          |
| Limit =(from above table) = 0.5577 |



**1880 MHz center band for Controlled use:**

**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      | 1880     |
| Power, Radiated, mW (P)  | 103.753  |
| Antenna Gain Isotropic   | 8dBi     |
| Antenna Gain Numeric (G) | 6.31     |
| 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 |
| 0.1303                               | 103.753      | 6.31             | 20              |

|                                 |
|---------------------------------|
| Power Density (S) 0.1303        |
| Limit =(from above table) = 1.0 |

END OF TEST REPORT