



## 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 Milmont Drive  
Fremont, CA 94538

To the attention of:

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