



**Compliance Testing, LLC**  
Previously Flom Test Lab  
EMI, EMC, RF Testing Experts Since 1963

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## Test Report

Prepared for: Packet Power, LLC

Model: E4

Description: Wireless Ethernet Gateway

Serial Number: N/A

FCC ID: WCGEG4

To

FCC Part 1.1310

Date of Issue: April 7, 2016

On the behalf of the applicant:

Packet Power, LLC  
2716 Summer St NE  
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Attention of:

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Project No: p1610002

Alex Macon  
Project Test Engineer

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### Test Report Revision History

<b>Revision</b>	<b>Date</b>	<b>Revised By</b>	<b>Reason for Revision</b>
1.0	April 5, 2016	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:** E4

**Description:** Wireless Ethernet Gateway

**Software:** N/A

**Serial Number:** N/A

#### **Additional Information:**

The EUT incorporates a 2.4 GHz radio and a 900 MHz radio with an integral antenna.



### Average Power calculations

Average Power = Peak Power \* duty-cycle%

Tuned Frequency (MHz)	Radiated Peak Output Power (mW)	Duty Cycle (%)	Average Power (mW)
927.6	0.00902	100%	0.00902 mW
2464	0.215	100%	0.215 mW

**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

927.6 MHz Limit is 0.6184 mW/cm<sup>2</sup>

2401 MHz limit is 1.0 mW/cm<sup>2</sup>

END OF TEST REPORT