Compliance Testing, LLC
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EMI, EMC, RF Testing Experts Since 1963

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Test Report

Prepared for: Packet Power, LLC

Model: P5T1

Description: Smart Power Cable

FCC ID: WCGP5T1

To

FCC Part 1.1310

Date of Issue: February 5, 2015

On the behalf of the applicant:

Packet Power, LLC
2716 Summer St NE
Minneapolis, MN 55413

Attention of:

Paul Bieganski, CTO
Ph: (877)560-8770
E-Mail: paul@packetpower.com

Prepared By
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Project No: p14b0018

Alex Macon
Project Test Engineer

Test Report Revision History

Revision	Date	Revised By	Reason for Revision
1.0	January 30, 2015	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

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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: P5T1
Description: Smart Power Cable
Software: NMX Packet Power URL
Serial Number: N/A
Additional Information:
The EUT is an inline voltage and current meter which 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	0.0975 mW	100%	mW
2401	.458 mW	100%	mW

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

0.3-1.234 MHz	Limit [mW/cm²] = 100
1.34-30 MHz	Limit [mW/cm²] = (180/f²)
30-300 MHz	Limit [mW/cm²] = 0.2
300-1500 MHz	Limit [mW/cm²] = f/1500
1500-100,000 MHz	Limit [mW/cm²] = 1.0

927.6 MHz Limit is 0.6184 mW/cm2

2401 MHz limit is 1.0 mW/cm2

END OF TEST REPORT