Compliance Testing, LLC
Previously Flom Test Lab
RF, EMC and Safety Testing Experts Since 1963
toll-free: (866) 311-3268
fax: (480) 926-3598
http://www.ComplianceTesting.com
info@ComplianceTesting.com

Date: January 27, 2010

Applicant: Xtreme Power Systems, LLC
2440 Kiowa Blvd. N., Suite 102
Lake Havasu City, AZ 86403

Attention of: Jim Drew
Ph: (928) 854-9228
Fax: (928) 854-9228
E-mail: jd@extremepowersystems.net

Equipment: Micro Rx
FCC ID: X5L-XPSRX6NP
FCC Rules: Radio Frequency Radiation Exposure Limits
47 CFR 1.1310
MPE - Mobiles X Fixed Based Station _____

Gentlemen:

Enclosed please find your copy of the Supplemental Test Data Report, the whole for Environmental Assessment (MPE) of the referenced equipment as shown.

Please allow from 8-12 weeks to hear from the Commission, who may request additional data or information, and even a sample for pre-grant audit testing.

Should you need any clarification, just fax or phone. Thank you again for this order - it has been a pleasure to be of service.

Sincerely yours,

John Erhard, Engineering Manager

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Date: January 27, 2010

Federal Communications Commission
Via: Electronic Filing

Attention: Authorization & Evaluation Division

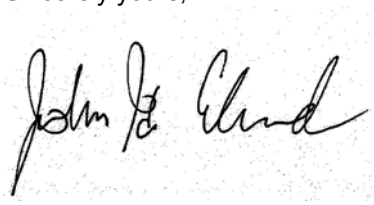
Applicant:	Xtreme Power Systems, LLC
Equipment:	Micro Rx
FCC ID:	X5L-XPSRX6NP
FCC Rules:	Radio Frequency Radiation Exposure Limits 47 CFR 1.1310 MPE - Mobiles ___X___ Fixed Based Station _____

Gentlemen:

On behalf of the Applicant, enclosed please find the Supplemental Test Data Report, the whole for Environmental Assessment (MPE) of the referenced equipment as shown.

We trust the same is in order. Should you need any further information, kindly contact the writer who is authorized to act as agent.

Sincerely yours,



John Erhard, Engineering Manager

Compliance Testing
3356 N. San Marcos Place, Suite 107
Chandler, Arizona 85225-7176
(866) 311-3268 phone, (480) 926-3598 fax

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Environmental Assessment

for

Mobiles

for

FCC ID: X5L-XPSRX6NP

Model: Micro Rx

to

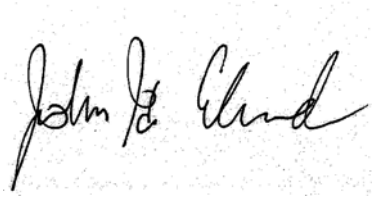
Federal Communications Commission

47 CFR 1.1310

Radio Frequency Radiation Exposure Limits

Date Of Report: January 27, 2010

On the Behalf of the Applicant:	Xtreme Power Systems, LLC
At the Request of:	Xtreme Power Systems, LLC 2440 Kiowa Blvd. N., Suite 102 Lake Havasu City, AZ 86403
Attention of:	Jim Drew Ph: (928) 854-9228 Fax: (928) 854-9228 E-mail: jd@extremepowersystems.net



Supervised By: John Erhard, Engineering Manager

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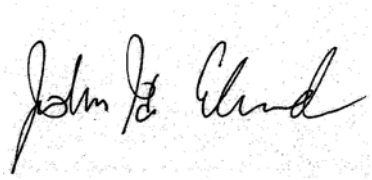
Required information per ISO 17025-2005, paragraph 5.10:

a)	**Test Report (Supplemental)**
b) Laboratory: (FCC: 31040/SIT) (Canada: IC 2044)	Compliance Testing 3356 N. San Marcos Place, Suite 107 Chandler, AZ 85225
c) Report Number:	d1010019
d) Client:	Xtreme Power Systems, LLC 2440 Kiowa Blvd. N., Suite 102 Lake Havasu City, AZ 86403
e) Identification:	Micro Rx
Description:	Zigbee Transceiver
f) EUT Condition:	Not required unless specified in individual tests.
g) Report Date:	January 27, 2010
h, j, k):	As indicated in individual tests.
i) Sampling method:	No sampling procedure used.
l) Uncertainty:	In accordance with Compliance Testing internal quality manual.
m) Supervised by:	 John Erhard, Engineering Manager
n) Results:	The results presented in this report relate only to the item tested.
o) Reproduction:	This report must not be reproduced, except in full, without written permission from this laboratory.

Identification of the Equipment Under Test (EUT)

Name and Address of Applicant:	Xtreme Power Systems, LLC 2440 Kiowa Blvd. N., Suite 102 Lake Havasu City, AZ 86403
Manufacturer:	Xtreme Power Systems, LLC 2440 Kiowa Blvd. N., Suite 102 Lake Havasu City, AZ 86403
FCC ID:	X5L-XPSRX6NP
Model Number:	Micro Rx
Description:	Zigbee Transceiver
Type of Emission:	DSS
Frequency Range, MHz:	2405 - 2475
Power Rating, Watts:	.004

____ Switchable ____ Variable _X_ N/A

Modulation:

____ AMPS
____ TDMA
____ CDMA
_X_ OTHER

Antenna:

____ Helical
____ Monopole
____ Whip
_X_ Other

Note: For RF Safety test antenna gain taken at the upper range of expected gain (i.e. 0 dBi) and RF Power set to highest nominal power across all channels.

A2LA

"A2LA has accredited Compliance Testing in Chandler, AZ for technical competence in the field of Electrical testing. The accreditation covers the specific tests and types of tests listed on the agreed scope of accreditation. This laboratory meets the requirements of ISO 17025:2005 'General Requirements for the Competence of Testing and Calibration Laboratories' and any additional program requirements in the identified field of testing."

Please refer to www.a2la.org for current scope of accreditation.

Certificate number: 2152.01

TESTING CERT# 2152.01

Standard Test Conditions and Engineering Practices

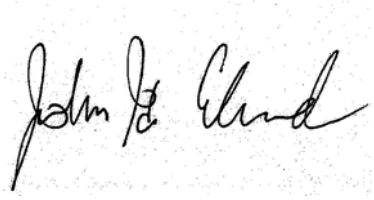
Except as noted herein, the following conditions and procedures were observed during the testing:

In accordance with ANSI C63.4-2009 and unless otherwise indicated in the specific measurement results, the ambient temperature of the actual EUT was maintained within the range of 10° to 40°C (50° to 104 °F) unless the particular equipment requirements specify testing over a different temperature range. Also, unless otherwise indicated, the humidity levels were in the range of 10% to 90% relative humidity.

Prior to testing, the EUT was tuned up in accordance with the manufacturer's alignment procedures. All external gain controls were maintained at the position of maximum and/or optimum gain throughout the testing.

Measurement results, unless otherwise noted, are worst-case measurements.

Name of Test:	Environmental Assessment	
Specification:	FCC: 47 CFR 1.1310	
Measurement Guide:	ANSI/IEEE C95.1 1992	
Name of Test:	R.F. Radiation Exposure	
FCC Rules:	1.1307, 1.1310, 1.1311, 2.1091	
Limits: Uncontrolled Exposure	0.3-1.234 MHz:	Limit [mW/cm^2] = 100
47 CFR 1.1310	1.34-30 MHz:	Limit [mW/cm^2] = ($180/f^2$)
Table 1, (B)	30-300 MHz:	Limit [mW/cm^2] = 0.2
	300-1500 MHz	Limit [mW/cm^2] = f/1500
	1500-100,000 MHz:	Limit [mW/cm^2] = 1.0
Test Frequencies, MHz	2405 - 2475	
Power, Conducted, W (P)	.004	
Antenna Gain Isotropic	1.5 dBi	
Antenna Gain Numeric (G)	1.41	
Antenna Type	dipole	
Distance (R)	20 cm	
Power Density Calculations	Formula =	$S = PG / 4\pi R^2$
	Power Density (S) =	0.0011220754
	Limit =	1.0



Supervised By: John Erhard, Engineering Manager

Testimonial
and
Statement of Certification

This is to certify that:

1. **That** the application was prepared either by, or under the direct supervision of, the undersigned.
2. **That** the technical data supplied with the application was taken under my direction and supervision.
3. **That** the data was obtained on representative units, randomly selected.
4. **That**, to the best of my knowledge and belief, the facts set forth in the application and accompanying technical data are true and correct.

Greg Corbin

Certifying Engineer: Greg Corbin