



**MET Laboratories, Inc.** *Safety Certification - EMI - Telecom Environmental Simulation*  
914 WEST PATAPSCO AVENUE • BALTIMORE, MARYLAND 21230-3432 • PHONE (410) 354-3300 • FAX (410) 354-3313

## **ENERGY STAR Test Report**

For the

**GlobTek Inc.**  
**Single Voltage AC-AC Adaptor, Model Number: GT-73107-3024**

Tested under

**Energy Star Level V Efficiency Requirement**

**MET Report: ESL88678-ES**

**02/23/16**

Prepared For:

**GlobTek Inc.**  
**186 Veterans Drive**  
**Northvale, NJ 07647**

**Prepared By:**  
**MET Laboratories, Inc.**  
914 West Patapsco Avenue  
Baltimore MD 21230



GlobTek Inc.  
Single Voltage AC-AC Adaptor, Model Number: GT-73107-3024

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## Test Data

For the

**Single Voltage AC-AC Adaptor, Model Number: GT-73107-3024**

Tested under

**Energy Star Level V Efficiency Requirement**

**MET Report: ESL88678-ES**

Samuel Tetteh  
Energy Efficiency Program Manager

Jesse Trawinski  
Documentation Department

Allan Kimani  
Manager, Environmental Simulation Laboratory



GlobTek Inc.  
Single Voltage AC-AC Adaptor, Model Number: GT-73107-3024

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## Report Status Sheet

Revision	Report Date	Reason for Revision
Ø	02/23/16	Initial Issue.



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GlobTek Inc.  
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## 1.0 Results Summary

MET Laboratories, Inc. was contracted by GlobTek Inc. to perform energy efficiency testing on packaging for the Single Voltage AC-AC Adaptor, Model Number: GT-73107-3024. The tests were based on Energy Star Level V Efficiency Requirement.

The aforementioned equipment was subjected to the following test and found **Compliant** with the following results:

No Load Power Requirement  $\leq 0.5W$   
Minimum Efficiency Level V Requirement - 84.49%  
Measured Avg Efficiency - 87.97%  
Measured No Load Power - 0.43W



GlobTek Inc.  
Single Voltage AC-AC Adaptor, Model Number: GT-73107-3024

## 2.0 Test Data

Nameplate output Current	Nameplate Output Voltage	input voltage	Load Condition	Output Current	Output voltage	PF	Input Power	Output Power	Efficiency	Time (min)	Wh in	Wh out	I in	I out
1.25	24	115	1.00	1.25	22.22	0.99	33.3708	27.7776	0.832392391	5.00	2.7809	2.3148	0.2915	1.2496
1.25	24	115	0.75	0.94	23.34	0.99	25.3248	22.014	0.86926649	5	2.1104	1.8345	0.2211	0.942
1.25	24	115	0.50	0.63	24.43	0.99	17.1024	15.4164	0.901417345	5	1.4252	1.2847	0.149	0.6301
1.25	24	115	0.25	0.31	25.51	0.98	8.6484	7.9212	0.915915083	5	0.7207	0.6601	0.0762	0.3104
1.25	24	115	0.00	0.00			0.43		0					
<b>Avg Efficiency</b>										0.879747827				
<b>No Load Requirement</b>										≤ 0.5W				
<b>Minimum Efficiency Level V Requirement</b>										84.49%				
<b>Measured Avg Efficiency</b>										87.97%				
<b>Measured No Load</b>										0.43W				

**Table 1. Single Voltage AC-AC Adaptor, Model Number: GT-73107-3024, Test Data**

**Test Results:** Compliant to the requirement.

No Load Power Requirement ≤ 0.5W  
 Minimum Efficiency Level V Requirement - 84.49%  
 Measured Avg Efficiency - 87.97%  
 Measured No Load Power - 0.43W

**Test Engineer:** Samuel Tetteh

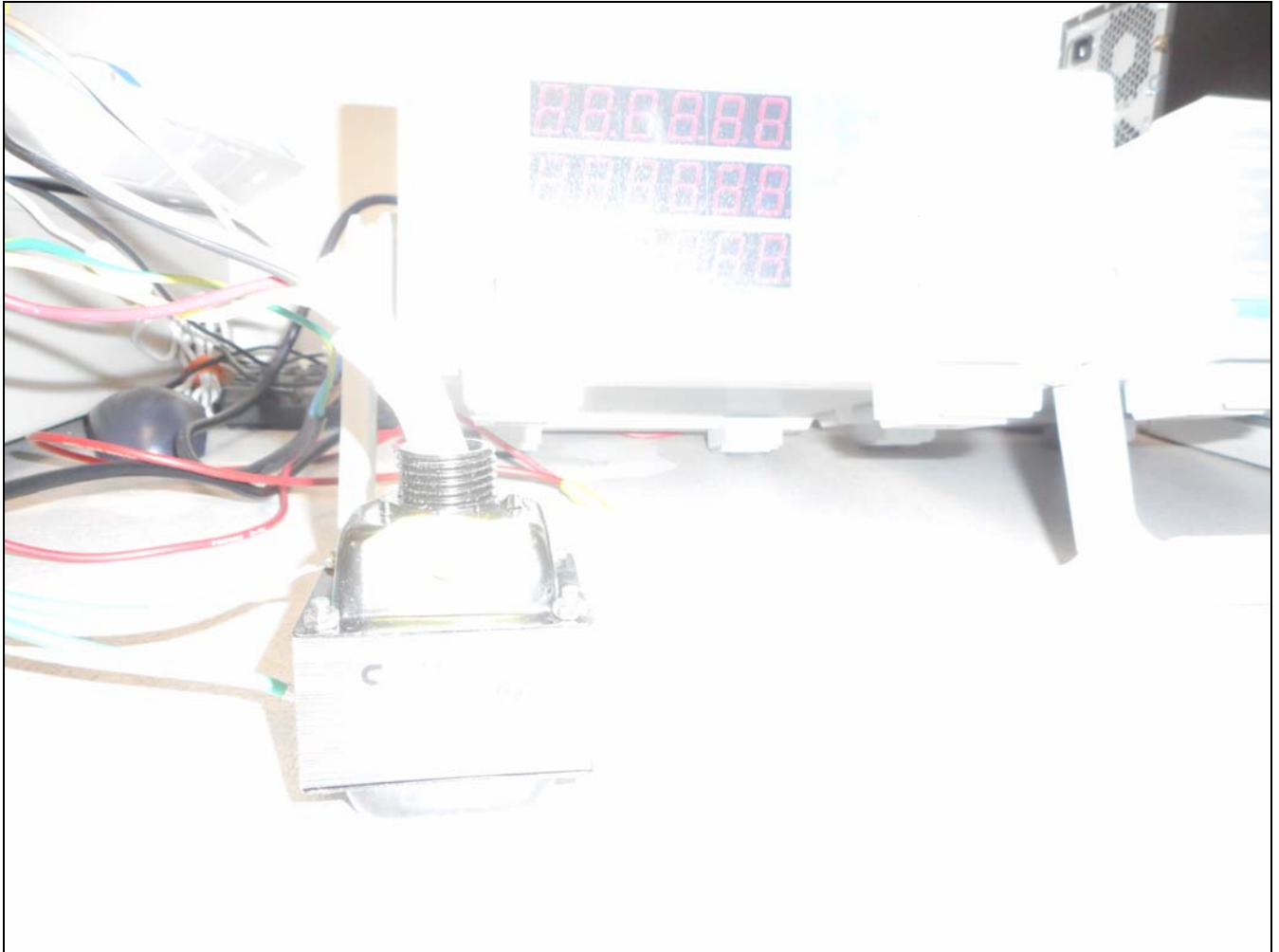
**Test Dates:** 01/28/16



GlobTek Inc.  
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### 3.0 Test Setup



**Photograph 1. Test Setup**



GlobTek Inc.  
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## 4.0 Test Equipment

				TEST DATE:	01/28/16
MET #	EQUIPMENT	MANUFACTURER	MODEL #	LAST CAL	CAL DUE
4T7350	WT210 DIGITAL POWER METER	YOKOGAWA	760401-D/C1	23-SEP-14	23-MAR-16
2T5989	WT210 DIGITAL POWER METER	YOKOGAWA	760401-D/C1	08-MAY-15	08-NOV-16
1T4728	PROGRAMMABLE AC POWER SOURCE	QUADTECH	31010	SEE NOTE	
2T8089	THERMO-ANEMOMETER	TESTO	425	01-JUL-15	01-JUL-16

**Table 2. Test Equipment**

Note: Functionally verified test equipment is verified using calibrated instrumentation at time of testing.