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**REPORT NO.: EM-SC150091 (C1M1712303, C1M1511283) REISSUE DATE: 2017. 12. 20**

1. APPLICANT : OrangeTek Limited  
Coach House Blakenhall Park Bar Lane,  
Barton under Needwood, Burton upon Trent,  
DE13 8AJ, United Kingdom.
2. MANUFACTURER : OrangeTek Limited  
Coach House Blakenhall Park Bar Lane,  
Barton under Needwood, Burton upon Trent,  
DE13 8AJ, United Kingdom.
3. PREPARED BY : AUDIX Technology Corporation.  
EMC Department  
No. 53-11, Dingfu, Linkou Dist.,  
New Taipei City 244, Taiwan  
Tel: (02) 2609-9301~2; Fax: (02) 2609-9303
4. DESCRIPTION OF DEVICE
  - A) MODEL NO. : Voyager 54W
  - B) SERIAL NO. : N/A
  - C) TEST UNIT : Sample 1, Sample 2, Sample 3, Sample 4, Sample 5
  - D) TEST VOLTAGE : AC 210V/50Hz, AC 220V/50Hz, AC 230V/50Hz,  
AC 240V/50Hz, AC 250V/50Hz
5. DATE OF MEASUREMENT : 2015. 11. 26
6. PLACE OF MEASUREMENT : **AUDIX Technology Corporation**  
**EMC Department**  
Immunity Test Site  
No. 53-11, Dingfu, Linkou Dist.,  
New Taipei City 244, Taiwan
- **REMARK OF REV. 01** : **model number changed**
- **SIGNATURE** :   
Ben Cheng/Manager  
AUDIX Technology Corporation  
EMC Department  
Reissue Date: 2017. 12. 20

Sample 1 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	54.3	0.268	0.964
220	50	54.3	0.257	0.96
230	50	54.4	0.248	0.954
240	50	54.5	0.239	0.948
250	50	54.6	0.232	0.942

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	54.4	0.269	0.964
220	50	54.5	0.258	0.959
230	50	54.5	0.248	0.954
240	50	54.6	0.239	0.949
250	50	54.7	0.232	0.942

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	54.3	0.268	0.964
220	50	54.3	0.258	0.959
230	50	54.4	0.248	0.954
240	50	54.5	0.239	0.948
250	50	54.6	0.232	0.941

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	54.2	0.267	0.964
220	50	54.2	0.257	0.96
230	50	54.3	0.247	0.954
240	50	54.4	0.239	0.949
250	50	54.5	0.231	0.942

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	54.0	0.267	0.963
220	50	54.1	0.256	0.959
230	50	54.2	0.247	0.953
240	50	54.3	0.238	0.948
250	50	54.3	0.231	0.941

**Watts**

Voltage \ Sample	1	2	3	4	5
210	54.3	54.4	54.3	54.2	54.0
220	54.3	54.5	54.3	54.2	54.1
230	54.4	54.5	54.4	54.3	54.2
240	54.5	54.6	54.5	54.4	54.3
250	54.6	54.7	54.6	54.5	54.3

**VA**

Voltage \ Sample	1	2	3	4	5
210	56.3	56.4	56.3	56.2	56.1
220	56.6	56.8	56.7	56.5	56.5
230	57.0	57.1	57.1	56.9	56.8
240	57.5	57.5	57.5	57.3	57.2
250	57.9	58.0	58.0	57.8	57.7

**Notes: Test be conducted after operating for 1 hour to reach their steady load state.**

## Photograph of Sample

Photo 1 View of EUT



Photo 2 View of EUT

