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**REPORT NO.: EM-SC150093 (C1M1511286)**

**DATE: 2015. 11. 27**

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 12-500mA
  - 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
- SIGNATURE :   
 Ben Cheng/Manager  
 AUDIX Technology Corporation  
 EMC Department  
 2015. 11. 27

Sample 1 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	21.2	0.103	0.978
220	50	21.3	0.099	0.974
230	50	21.3	0.095	0.970
240	50	21.3	0.092	0.965
250	50	21.3	0.089	0.961

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	21.4	0.104	0.979
220	50	21.3	0.099	0.974
230	50	21.4	0.096	0.971
240	50	21.4	0.092	0.967
250	50	21.4	0.089	0.962

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	21.4	0.104	0.979
220	50	21.4	0.100	0.975
230	50	21.4	0.096	0.971
240	50	21.4	0.092	0.966
250	50	21.5	0.089	0.962

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	21.4	0.104	0.978
220	50	21.4	0.100	0.974
230	50	21.4	0.096	0.970
240	50	21.4	0.092	0.965
250	50	21.5	0.089	0.961

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	21.3	0.104	0.978
220	50	21.3	0.099	0.974
230	50	21.4	0.096	0.970
240	50	21.3	0.092	0.965
250	50	21.4	0.089	0.960

**Watts**

Voltage \ Sample	1	2	3	4	5
210	21.2	21.4	21.4	21.4	21.3
220	21.3	21.3	21.4	21.4	21.3
230	21.3	21.4	21.4	21.4	21.4
240	21.3	21.4	21.4	21.4	21.3
250	21.3	21.4	21.5	21.5	21.4

**VA**

Voltage \ Sample	1	2	3	4	5
210	21.7	21.8	21.8	21.8	21.8
220	21.9	21.9	22.0	22.0	21.9
230	22.0	22.0	22.0	22.1	22.0
240	22.0	22.1	22.2	22.2	22.1
250	22.2	22.3	22.3	22.4	22.3

**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

