


AUDIX TECHNOLOGY CORP., EMC DEPT.  
 NO. 53-11, DINGFU, LINKOU DIST.,  
 NEW TAIPEI CITY 244, TAIWAN, R.O.C.  
 TEL : 886-2-2609-9301  
 FAX : 886-2-2609-9303



HEAD OFFICE  
 NO. 8, LANE 120, NEI HU RD.,  
 TAIPEI, TAIWAN, R.O.C.  
 TEL : 886-2-2659-4900  
 FAX : 886-2-2659-4833

**REPORT NO.: EM-SC150089 (C1M1511281)**

**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 12-700mA
  - 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	28.5	0.138	0.987
220	50	28.6	0.132	0.985
230	50	28.6	0.126	0.982
240	50	28.6	0.121	0.980
250	50	28.6	0.117	0.977

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	28.6	0.138	0.987
220	50	28.5	0.132	0.985
230	50	28.5	0.126	0.982
240	50	28.6	0.122	0.979
250	50	28.6	0.117	0.976

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	28.6	0.138	0.987
220	50	28.6	0.132	0.985
230	50	28.6	0.127	0.982
240	50	28.6	0.122	0.980
250	50	28.7	0.117	0.977

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	28.5	0.137	0.987
220	50	28.5	0.131	0.985
230	50	28.5	0.126	0.982
240	50	28.5	0.121	0.979
250	50	28.6	0.117	0.976

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	28.6	0.138	0.988
220	50	28.6	0.132	0.985
230	50	28.6	0.126	0.982
240	50	28.7	0.122	0.980
250	50	28.7	0.117	0.977

**Watts**

Voltage \ Sample	1	2	3	4	5
210	28.5	28.6	28.6	28.5	28.6
220	28.6	28.5	28.6	28.5	28.6
230	28.6	28.5	28.6	28.5	28.6
240	28.6	28.6	28.6	28.5	28.7
250	28.6	28.6	28.7	28.6	28.7

**VA**

Voltage \ Sample	1	2	3	4	5
210	28.9	28.9	29.0	28.9	28.9
220	29.0	29.0	29.0	28.9	29.0
230	29.1	29.0	29.1	29.0	29.1
240	29.1	29.2	29.2	29.1	29.2
250	29.3	29.3	29.3	29.3	29.3

**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

