


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-SC150096 (C1M1511289)

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 30-500mA
 - 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 | 48.2 | 0.239 | 0.958 |
| 220 | 50 | 48.3 | 0.230 | 0.952 |
| 230 | 50 | 48.4 | 0.222 | 0.946 |
| 240 | 50 | 48.5 | 0.215 | 0.939 |
| 250 | 50 | 48.6 | 0.209 | 0.931 |

Sample 2 100% Light output

| Input voltage(V) | Frequency(Hz) | Input power(W) | Input current(A) | Power factor |
|------------------|---------------|----------------|------------------|--------------|
| 210 | 50 | 48.1 | 0.239 | 0.957 |
| 220 | 50 | 48.2 | 0.230 | 0.951 |
| 230 | 50 | 48.3 | 0.222 | 0.945 |
| 240 | 50 | 48.4 | 0.215 | 0.938 |
| 250 | 50 | 48.5 | 0.208 | 0.931 |

Sample 3 100% Light output

| Input voltage(V) | Frequency(Hz) | Input power(W) | Input current(A) | Power factor |
|------------------|---------------|----------------|------------------|--------------|
| 210 | 50 | 48.1 | 0.239 | 0.957 |
| 220 | 50 | 48.2 | 0.230 | 0.951 |
| 230 | 50 | 48.3 | 0.222 | 0.944 |
| 240 | 50 | 48.4 | 0.215 | 0.938 |
| 250 | 50 | 48.5 | 0.209 | 0.930 |

Sample 4 100% Light output

| Input voltage(V) | Frequency(Hz) | Input power(W) | Input current(A) | Power factor |
|------------------|---------------|----------------|------------------|--------------|
| 210 | 50 | 48.1 | 0.239 | 0.958 |
| 220 | 50 | 48.2 | 0.230 | 0.952 |
| 230 | 50 | 48.2 | 0.222 | 0.946 |
| 240 | 50 | 48.3 | 0.214 | 0.939 |
| 250 | 50 | 48.4 | 0.208 | 0.931 |

Sample 5 100% Light output

| Input voltage(V) | Frequency(Hz) | Input power(W) | Input current(A) | Power factor |
|------------------|---------------|----------------|------------------|--------------|
| 210 | 50 | 48.1 | 0.239 | 0.957 |
| 220 | 50 | 48.1 | 0.230 | 0.951 |
| 230 | 50 | 48.2 | 0.222 | 0.945 |
| 240 | 50 | 48.3 | 0.215 | 0.938 |
| 250 | 50 | 48.4 | 0.208 | 0.931 |

Watts

| Voltage \ Sample | 1 | 2 | 3 | 4 | 5 |
|------------------|------|------|------|------|------|
| 210 | 48.2 | 48.1 | 48.1 | 48.1 | 48.1 |
| 220 | 48.3 | 48.2 | 48.2 | 48.2 | 48.1 |
| 230 | 48.4 | 48.3 | 48.3 | 48.2 | 48.2 |
| 240 | 48.5 | 48.4 | 48.4 | 48.3 | 48.3 |
| 250 | 48.6 | 48.5 | 48.5 | 48.4 | 48.4 |

VA

| Voltage \ Sample | 1 | 2 | 3 | 4 | 5 |
|------------------|------|------|------|------|------|
| 210 | 50.3 | 50.3 | 50.3 | 50.2 | 50.2 |
| 220 | 50.6 | 50.7 | 50.7 | 50.6 | 50.6 |
| 230 | 51.2 | 51.1 | 51.1 | 51.0 | 51.0 |
| 240 | 51.6 | 51.6 | 51.6 | 51.5 | 51.5 |
| 250 | 52.2 | 52.1 | 52.2 | 52.0 | 52.0 |

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

