


AUDIX TECHNOLOGY CORP., EMC DEPT.
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REPORT NO.: EM-SC150094 (C1M1511287)

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 18-500mA
 - 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	29.6	0.149	0.946
220	50	29.6	0.143	0.94
230	50	29.7	0.138	0.932
240	50	29.7	0.314	0.924
250	50	29.9	0.130	0.917

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.6	0.149	0.945
220	50	29.6	0.143	0.938
230	50	29.6	0.138	0.931
240	50	29.7	0.134	0.922
250	50	29.8	0.130	0.914

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.5	0.148	0.946
220	50	29.5	0.143	0.939
230	50	29.7	0.138	0.931
240	50	29.7	0.134	0.924
250	50	29.8	0.130	0.916

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.7	0.150	0.947
220	50	29.8	0.144	0.940
230	50	29.9	0.139	0.933
240	50	29.9	0.135	0.926
250	50	30.0	0.131	0.918

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	29.5	0.148	0.947
220	50	29.6	0.143	0.939
230	50	29.7	0.138	0.932
240	50	29.7	0.134	0.925
250	50	29.8	0.130	0.916

Watts

Voltage \ Sample	1	2	3	4	5
210	29.6	29.6	29.5	29.7	29.5
220	29.6	29.6	29.5	29.8	29.6
230	29.7	29.6	29.7	29.9	29.7
240	29.7	29.7	29.7	29.9	29.7
250	29.9	29.8	29.8	30.0	29.8

VA

Voltage \ Sample	1	2	3	4	5
210	31.2	31.3	31.2	31.4	31.2
220	31.5	31.5	31.5	31.7	31.5
230	31.8	31.9	31.8	32.0	31.8
240	32.2	32.3	32.1	32.3	32.1
250	32.6	32.6	32.5	32.7	32.5

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

