


AUDIX TECHNOLOGY CORP., EMC DEPT.
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REPORT NO.: EM-SC150090 (C1M1511282)

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 18-700mA
 - 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	42.0	0.205	0.973
220	50	42.0	0.197	0.969
230	50	42.0	0.189	0.965
240	50	42.0	0.182	0.961
250	50	42.1	0.176	0.955

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	41.8	0.204	0.972
220	50	41.8	0.196	0.969
230	50	41.8	0.188	0.964
240	50	41.8	0.182	0.959
250	50	41.9	0.176	0.954

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	41.8	0.205	0.973
220	50	41.8	0.196	0.970
230	50	41.9	0.188	0.965
240	50	41.9	0.182	0.960
250	50	41.9	0.176	0.955

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	41.5	0.203	0.973
220	50	41.6	0.195	0.969
230	50	41.6	0.187	0.965
240	50	41.6	0.180	0.961
250	50	41.7	0.174	0.955

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	41.6	0.203	0.972
220	50	41.6	0.195	0.968
230	50	41.7	0.188	0.964
240	50	41.7	0.181	0.959
250	50	41.7	0.175	0.954

Watts

Voltage \ Sample	1	2	3	4	5
210	42.0	41.8	41.8	41.5	41.6
220	42.0	41.8	41.8	41.6	41.6
230	42.0	41.8	41.9	41.6	41.7
240	42.0	41.8	41.9	41.6	41.7
250	42.1	41.9	41.9	41.7	41.7

VA

Voltage \ Sample	1	2	3	4	5
210	43.1	43.0	43.0	42.7	42.7
220	43.3	43.2	43.2	42.9	43.0
230	43.5	43.3	43.4	43.1	43.2
240	43.8	43.6	43.6	43.3	43.4
250	44.0	43.9	43.9	43.6	43.7

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

