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REPORT NO.: EM-SC150095 (C1M1511288)

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 24-500mA
 - 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	38.9	0.192	0.964
220	50	38.9	0.184	0.959
230	50	38.9	0.177	0.954
240	50	38.9	0.171	0.948
250	50	39.0	0.165	0.942

Sample 2 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	38.9	0.192	0.963
220	50	38.9	0.184	0.958
230	50	38.9	0.177	0.953
240	50	39.0	0.171	0.947
250	50	39.0	0.166	0.941

Sample 3 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	38.8	0.192	0.964
220	50	38.8	0.184	0.959
230	50	38.9	0.177	0.953
240	50	38.9	0.171	0.948
250	50	39.0	0.166	0.942

Sample 4 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	39.1	0.193	0.964
220	50	39.1	0.185	0.959
230	50	39.2	0.179	0.954
240	50	39.3	0.172	0.949
250	50	39.3	0.166	0.943

Sample 5 100% Light output

Input voltage(V)	Frequency(Hz)	Input power(W)	Input current(A)	Power factor
210	50	38.8	0.191	0.964
220	50	38.8	0.184	0.959
230	50	38.9	0.177	0.954
240	50	39.0	0.171	0.949
250	50	39.0	0.165	0.943

Watts

Voltage \ Sample	1	2	3	4	5
210	38.9	38.9	38.8	39.1	38.8
220	38.9	38.9	38.8	39.1	38.8
230	38.9	38.9	38.9	39.2	38.9
240	38.9	39.0	38.9	39.3	39.0
250	39.0	39.0	39.0	39.3	39.0

VA

Voltage \ Sample	1	2	3	4	5
210	40.4	40.4	40.3	40.5	40.2
220	40.5	40.6	40.5	40.8	40.5
230	40.8	40.8	40.8	41.1	40.7
240	41.0	41.1	41.1	41.3	41.0
250	41.4	41.5	41.4	41.7	41.4

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

