



**AC Power-Line Flicker per IEC / EN 61000-3-3**

Manufacturer:	Aleph Objects Inc	Project Number:	B40815
Customer Representative:	Seth Sinnema	Test Area:	GP 2
Model:	KT-PR0016	S/N:	KT-PR0016-6616
Standard Referenced:	EN55024: 2010	Date:	August 18, 2014
Temperature:	26.1°C	Humidity:	49%
Input Voltage:	230VAC 50Hz	Pressure:	839mb
Configuration of Unit:	Printing test gcode file off SD card		
Test Engineer:	Mark Novak		

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**Flicker Test Summary per EN/IEC61000-3-3 (Run time)**

**EUT: KT-PR0016**

**Test category: All parameters (European limits)**

**Test date: 8/18/2014**

**Test duration (min): 120**

**Comment: B40815**

**Customer: Aleph Objects Inc**

**Tested by: Mark Novak**

**Test Margin: 100**

**End time: 3:10:12 PM**

**Start time: 1:09:51 PM**

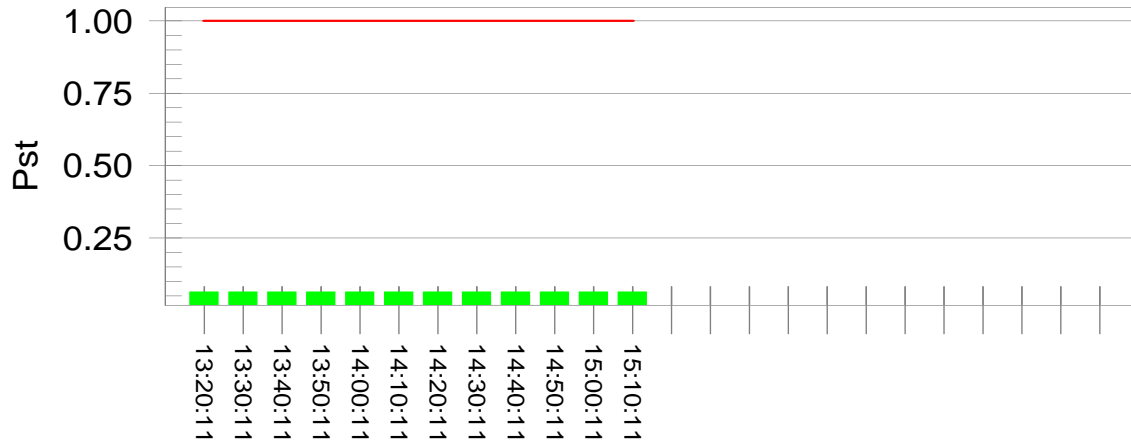
**Data file name: F-000253.cts\_data**

**Test Result: Pass**

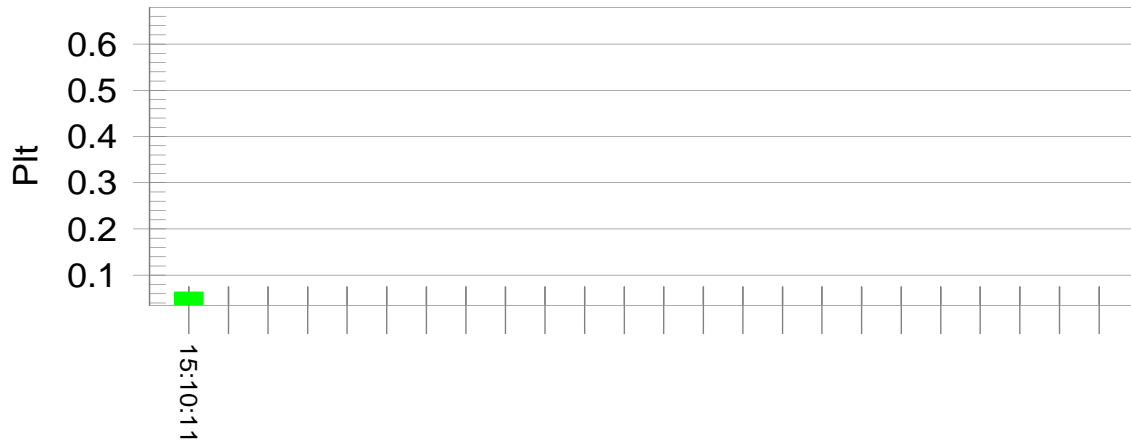
**Status: Test Completed**

**Pst, and limit line**

**European Limits**



**Plt and limit line**



**Parameter values recorded during the test:**

**Vrms at the end of test (Volt):** 228.66  
**Highest dt (%):** 0.19  
**Time(mS) > dt:** 0.0  
**Highest dc (%):** 0.00  
**Highest dmax (%):** 0.14  
**Highest Pst (10 min. period):** 0.064  
**Highest Plt (2 hr. period):** 0.064

<b>Test limit (%):</b>	<b>3.30</b>	<b>Pass</b>
<b>Test limit (mS):</b>	<b>500.0</b>	<b>Pass</b>
<b>Test limit (%):</b>	<b>3.30</b>	<b>Pass</b>
<b>Test limit (%):</b>	<b>4.00</b>	<b>Pass</b>
<b>Test limit:</b>	<b>1.000</b>	<b>Pass</b>
<b>Test limit:</b>	<b>0.650</b>	<b>Pass</b>



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Project Number: B40815  
Test Area: GP 2  
S/N: KT-PR0016-6616  
Date: August 18, 2014

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Figure I1. AC Power Line Flicker Test Setup.




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Model:	<u>KT-PR0016</u>	S/N:	<u>KT-PR0016-6616</u>
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**Test Equipment List**

ID Number	Manufacturer	Model #	Serial #	Description	Cal Date	Cal Due
1295	California Instruments Corporation	CTS-115-230	S72726	PACS-1 Power Analyzer Compliance Test System	01/13/2013	01/13/2015
1296	California Instruments Corporation	50011X208-150/300	S59159	5k VA AC Power Source	01/13/2013	01/13/2015
1536	Extech Instruments	445715	Z315811	Hygro-Thermometer	03/21/2014	03/21/2015