Amendment to Test Report

This Amendment is valid only together with the main Test Report

Report No . ..... :	**277780**
Main Report No . ..... :	246038
Date of issue ..... :	January 26, 2015
Total number of pages ..... :	5
Applicant's Name ..... :	Power Integrations, Inc.
Address ..... :	5245 Hellyer Avenue, San Jose, CA 95138, U.S.A.
Test specification	
Standard ..... :	IEC 60950-1:2005 (Second Edition) + Am 1:2009 + Am 2:2013 with CTL Decision, DSH 1080
Test procedure ..... :	CB scheme
Non-standard test method ..... :	N/A

This report is not valid as a CB Test Report unless signed by an approved CB Testing Laboratory and appended to a CB Test Certificate issued by an NCB in accordance with IECEE 02.

Test item description ..... :	IC including capacitor discharge function (ICX)
Trade Mark ..... :	CAPZero
Manufacturer ..... :	Power Integrations, Inc.
Model/Type reference ..... :	CAP002DG; CAP003DG; CAP004DG; CAP005DG; CAP006DG; CAP007DG; CAP008DG; CAP009DG; CAP012DG; CAP013DG; CAP014DG; CAP015DG; CAP016DG; CAP017DG; CAP018DG; CAP019DG; SC1143; CAP200DG
Ratings..... :	230V AC nominal (tested for 85-265V AC, 47-63Hz)

Testing procedure and testing location:			
☒	**CB Testing Laboratory**:	Nemko A/S	
Testing location/ address ..... :		Gaustadalléen 30, NO - 0373 Oslo, Norway	
☐	**Associated CB Laboratory:**		
Testing location/ address ..... :			
	Tested by (name + signature) ..... :	Ole Morten Aaslund	Ole Morten Aaslund
	Approved by (name + signature) .. :	Hans-Eirik Lie	
☐	**Testing procedure: TMP**		
Testing location/ address ..... :			
	Tested by (name + signature) ..... :		
	Approved by (name + signature) .. :		
☐	**Testing procedure: WMT**		
Testing location/ address ..... :			
	Tested by (name + signature) ..... :		
	Witnessed by (name + signature). :		
	Approved by (name + signature) .. :		
☐	**Testing procedure: SMT**		
Testing location/ address ..... :			
	Tested by (name + signature) ..... :		
	Approved by (name + signature) .. :		
	Supervised by (name + signature) :		
☐	**Testing procedure: RMT**		
Testing location/ address ..... :			
	Tested by (name + signature) ..... :		
	Approved by (name + signature) .. :		
	Supervised by (name + signature) :		

List of Attachments (including a total number of pages in each attachment):
N/A

Summary of testing:	
N/A	
Tests performed (name of test and test clause):	**Testing location:**
Summary of compliance with National Differences	
N/A	

Copy of marking plate
The artwork below may be only a draft. The use of certification marks on a product must be authorized by the respective NCBs that own these marks. Refer main report.

Calibration	All instruments used in the tests given in this test report are calibrated and traceable to national or international standards. Further information about traceability will be given on request.
Measurement uncertainty	Measurement uncertainties are calculated for all instruments and instrument set-ups given in this report. Calculations are based on the principles given in the standard EA-4/02 (Dec. 1999), IEC Guide 115:2007 and other relevant internal Nemko-procedures. Further information about measurement uncertainties will be given on request.
Evaluation of results	If not explicitly stated otherwise in the standard, the test is passed if the measured value is equal to or below (above) the limit line, regardless of the measurement uncertainty. If the measured value is above (below) the limit line, the test is not passed - ref IEC Guide 115:2007. The instrumentation accuracy is within limits agreed by IECEE-CTL.

Possible test case verdicts:	
- test case does not apply to the test object ..... :	Not Applicable (N/A)
- test object does meet the requirement..... :	Pass (P)
- test object does not meet the requirement ..... :	Fail (F)
Testing ..... :	
Date of receipt of test item ..... :	September 17, 2014
Date(s) of performance of tests ..... :	September 17 – September 23, 2014

General remarks:

The test results presented in this report relate only to the object tested.
This report shall not be reproduced, except in full, without the written approval of the Issuing testing laboratory.
"(see Enclosure #)" refers to additional information appended to the report.
"(see appended table)" refers to a table appended to the report.

Throughout this report a ☐ comma / ☒ point is used as the decimal separator.

Manufacturer's Declaration per sub-clause 6.2.5 of IECEE 02:

The application for obtaining a CB Test Certificate includes more than one factory location and a declaration from the Manufacturer stating that the sample(s) submitted for evaluation is (are) representative of the products from each factory has been provided..... :	☐ **Yes** ☒ **Not applicable**

When differences exist; they shall be identified in the General product information section.

Name and address of factory (ies) ..... :	Millenium Microtech Shanghai No. 351 Guo Shou Jing Rd., Z.J. Hi Tech Park Pudong New Area, Shanghai, 201203 CHINA

General product information:

The update concerned in this amendment report covers the introduction of new variant, model CAP200DG. This new variant is identical to model SC1143 except for model name.

Project history:		
Nemko Report/ Order No.:	Modification to the appliances:	Changes/ Modifications in clause(s):
246038	Main Test Report	N/A
247613	Adding of voltage and frequency range; 85-265V AC, 47-63Hz. Note that DSH 1080 only covers Installation Category II (2.5kV transients), and end products using the ICX covered by this report must follow the same Installation Category.	Summary of testing, Test items particulars, General product information, 2.1.1.7
270272	Introduction of different minimum and maximum X-capacitance and resistance values: X-capacitance: Min. 100nF, max. 6µF Resistance: Min. 142kΩ, max. 7.5MΩ Refer also General product information. Upgrade to include Amd 2:2013 of IEC 60950-1(ed2).	Summary of testing, General product information, 2.1.1.7
277780	Addition of a new model CAP200DG. The new model is identical to model SC1143 except for model name. No additional testing required.	1.7.1.2

1.7.1.2	Identification markings	Refer below:	P
	Manufacturer's name or trade-mark or identification mark ..... :	CAPZero	P
	Model identification or type reference ..... :	CAP002DG; CAP003DG; CAP004DG; CAP005DG; CAP006DG; CAP007DG; CAP008DG; CAP009DG; CAP012DG; CAP013DG; CAP014DG; CAP015DG; CAP016DG; CAP017DG; CAP018DG; CAP019DG; SC1143; CAP200DG	P