

ENVIRONMENTAL TEST REPORT

PO #: 0000025127
Quote #: 090206.1aBH
Test #: IDAH-090053
REV000

Idaho Technology

February 23, 2009

PROPRIETARY



Idaho Technology 7 day High Temp Storage Test

APPROVALS

Approved By: Bryce Buckley **Date:** 3/09/2009
Environmental Test Technician

Written By: Katy Smythe **Date:** 3/06/2009
Sr. Quality Test Engineer

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1.0 PURPOSE

The purpose of this report is to present the test procedures used and the test results obtained during the performance of an environmental test program. The results included in this report relate only to the items tested. The objective of the test was for (1) Packaged Razor EX unit to undergo testing according to Quote#:090206.1aBH.

2.0 REFERENCES

- 2.1 RMTS Quote #: 090206.1aBH
- 2.2 Test Part Serial Number: EX4036
- 2.3 The article tested was (1) Packaged Razor EX unit hereafter referred to as "Product." The Product was tested by Rocky Mountain Testing Solutions, LLC located in Roy, Utah to the requirements listed in References 2.1.
- 2.4 RMTS Test #: IDAH090053

3.0 TEST CONDITIONS AND TEST EQUIPMENT

3.1 TEST CONDITIONS

Unless otherwise specified herein, all tests were performed at room ambient conditions defined as a temperature of $73^{\circ} \pm 18^{\circ}$ F ($23^{\circ} \pm 10^{\circ}$ C), with a relative humidity of $40\% \pm 30\%$.

3.2 TEST EQUIPMENT

The required test equipment presented in Appendix A was calibrated in accordance with established standards set by Rocky Mountain Testing Solutions, LLC. The calibration records are maintained on file.

4.0 TEST PROCEDURES AND TEST RESULTS

4.1 HIGH TEMP STORAGE TEST

- Reference 2.1, Document: Quote #:090206.1aBH
- 1 sample tested: SN: EX4036

Date Commenced: February 16, 2009

Date Completed: February 23, 2009

4.1.1. The test Product was placed in an environmental test chamber. The test set-up photographs are shown in Appendix B.

4.1.2. Each Product was tested according to the profile listed in Mil-Std 810F, 501.4-7, Procedure 1, Table 2, Induced conditions, cyclic.

4.1.3. (7) 24hr cycles were completed according to the above profile. See Appendix C for Temperature Plots.

4.1.4. An additional thermocouple was monitored throughout testing. See Appendix C for temperature plots.

4.2 This concludes the High Temp Storage testing of the Idaho Technology Product.

APPENDIX LISTING

APPENDIX A (Page 7)	Equipment List
APPENDIX B (Page 9)	Photographs
APPENDIX C (Pages 11-13)	Temperature Plots

APPENDIX A

EQUIPMENT LIST

ENVIRONMENTAL LAB EQUIPMENT LIST

Instrument	USB Thermocouple Unit	DAQ-006
Manufacturer	National Instruments	
Model Number	9211	
Serial Number	13237D6	
Calibration Date	1/12/2009	
Calibration Due Date	1/12/2010	

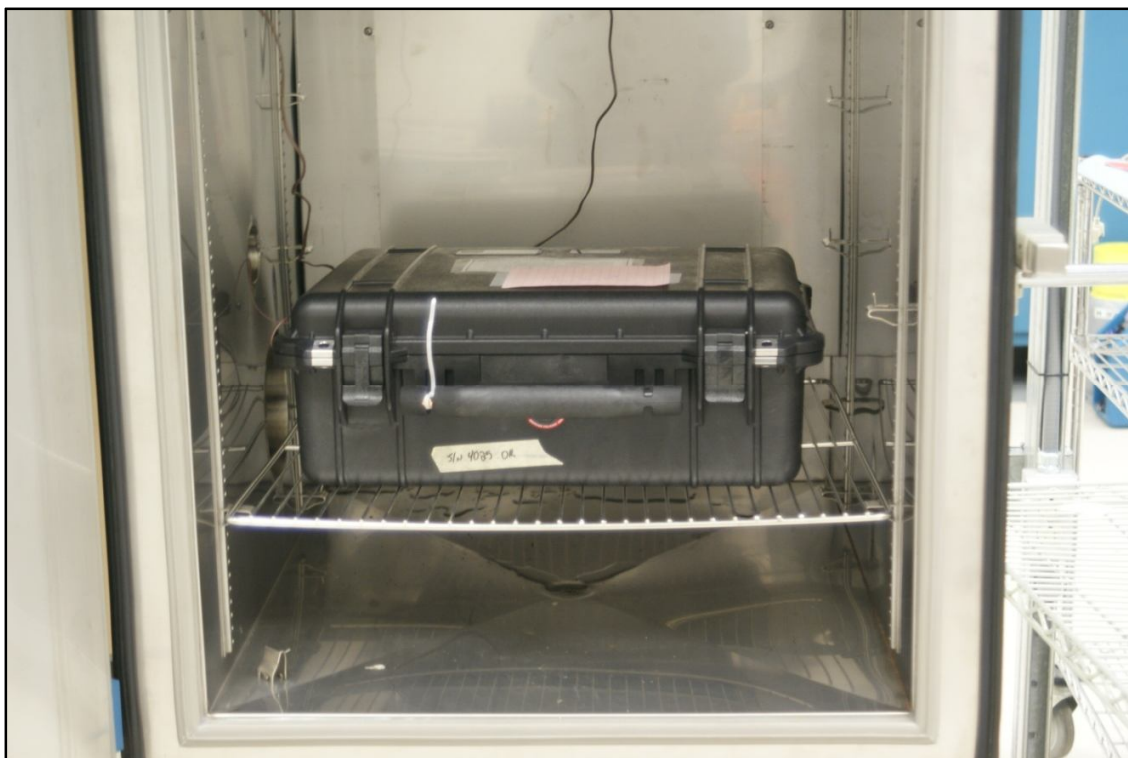
Instrument	Temperature Humidity Chamber	TL-015
Manufacturer	Tenney	
Model Number	T10RS	
Serial Number	26124-01	
Calibration Date	08/08/2008	
Calibration Due Date	08/08/2009	

APPENDIX B

PHOTOGRAPHS



Photograph 1. Before Test

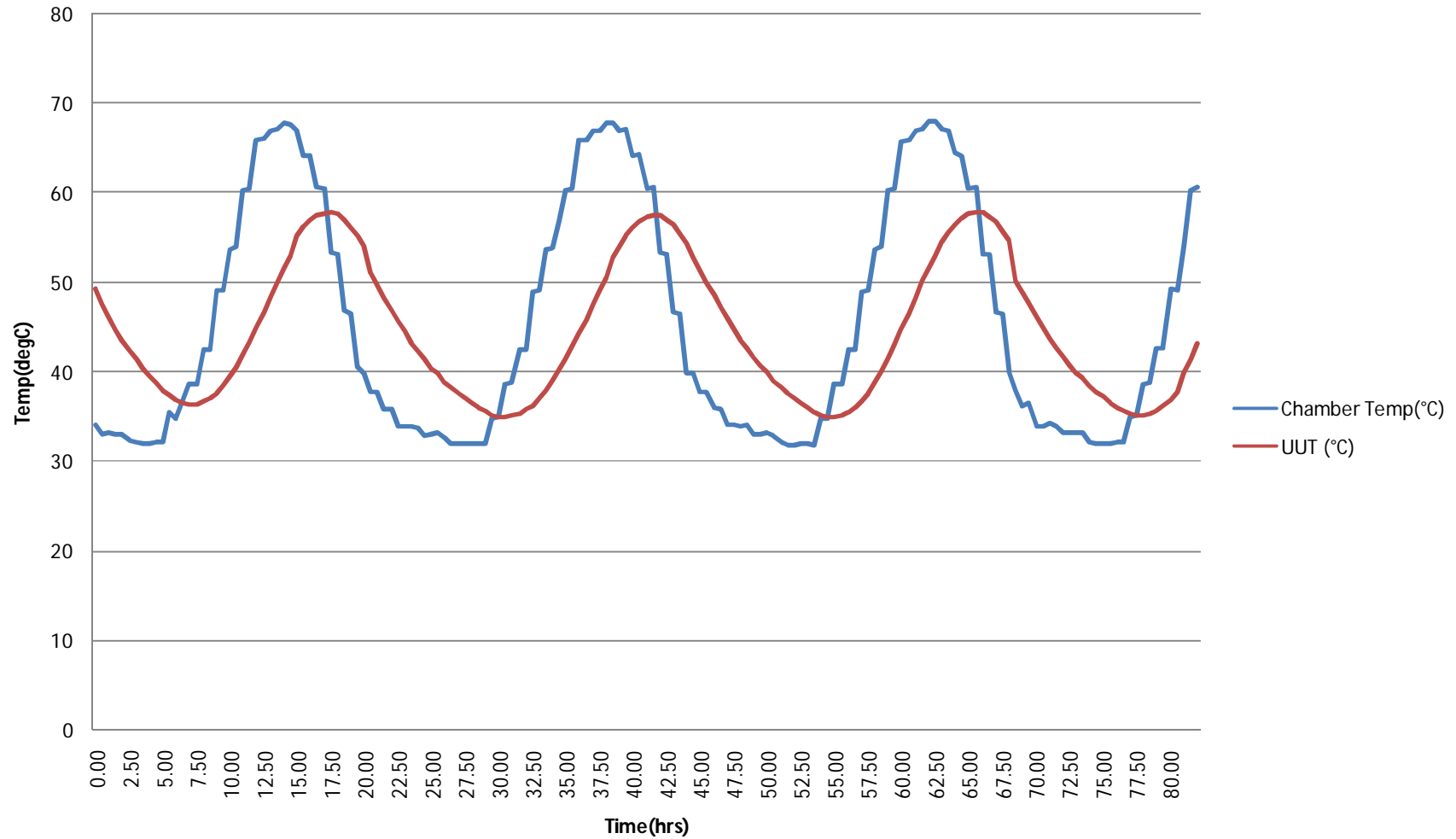


Photograph 2. Test Setup in Chamber

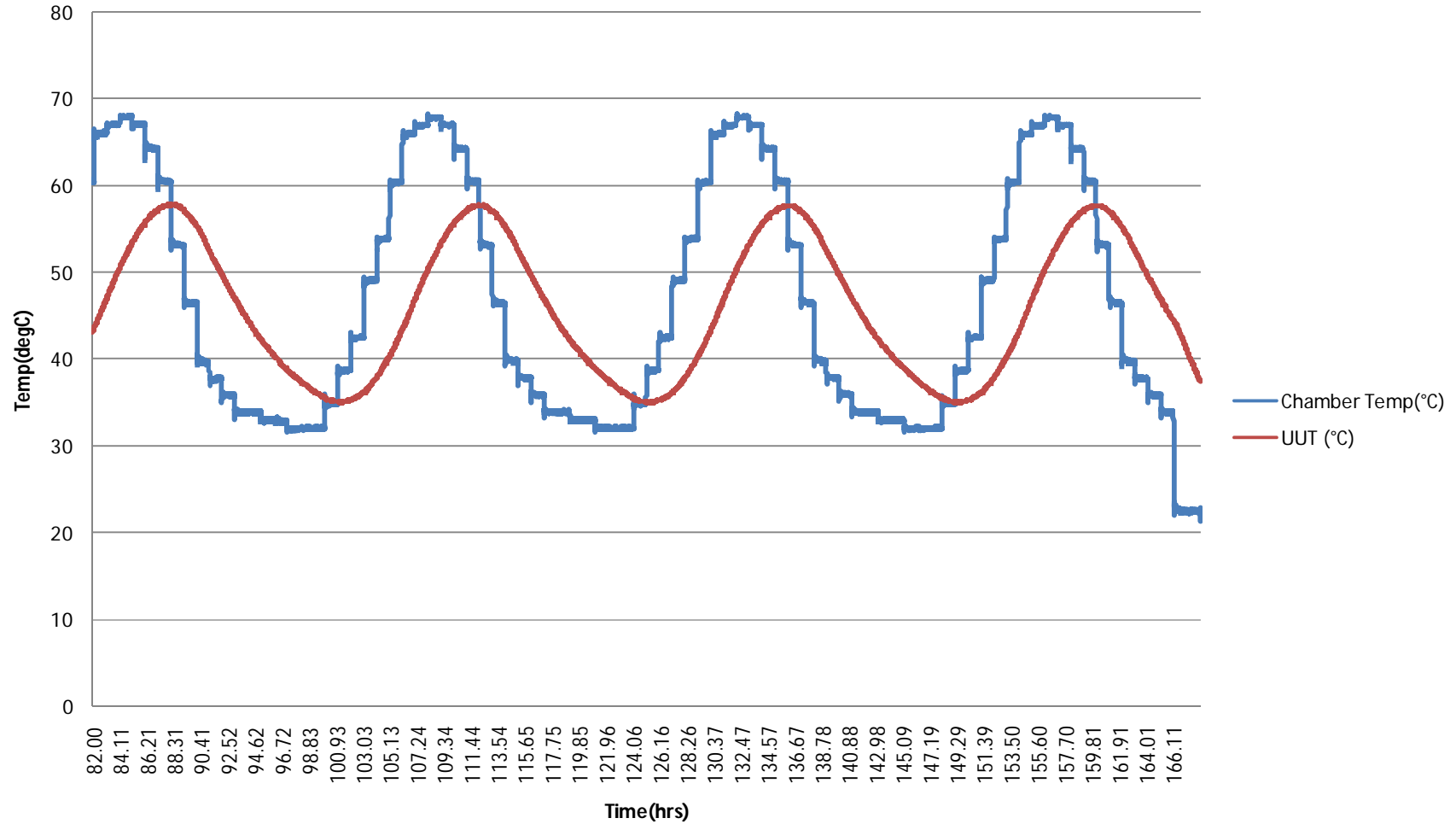
APPENDIX C

Temperature Test Plots

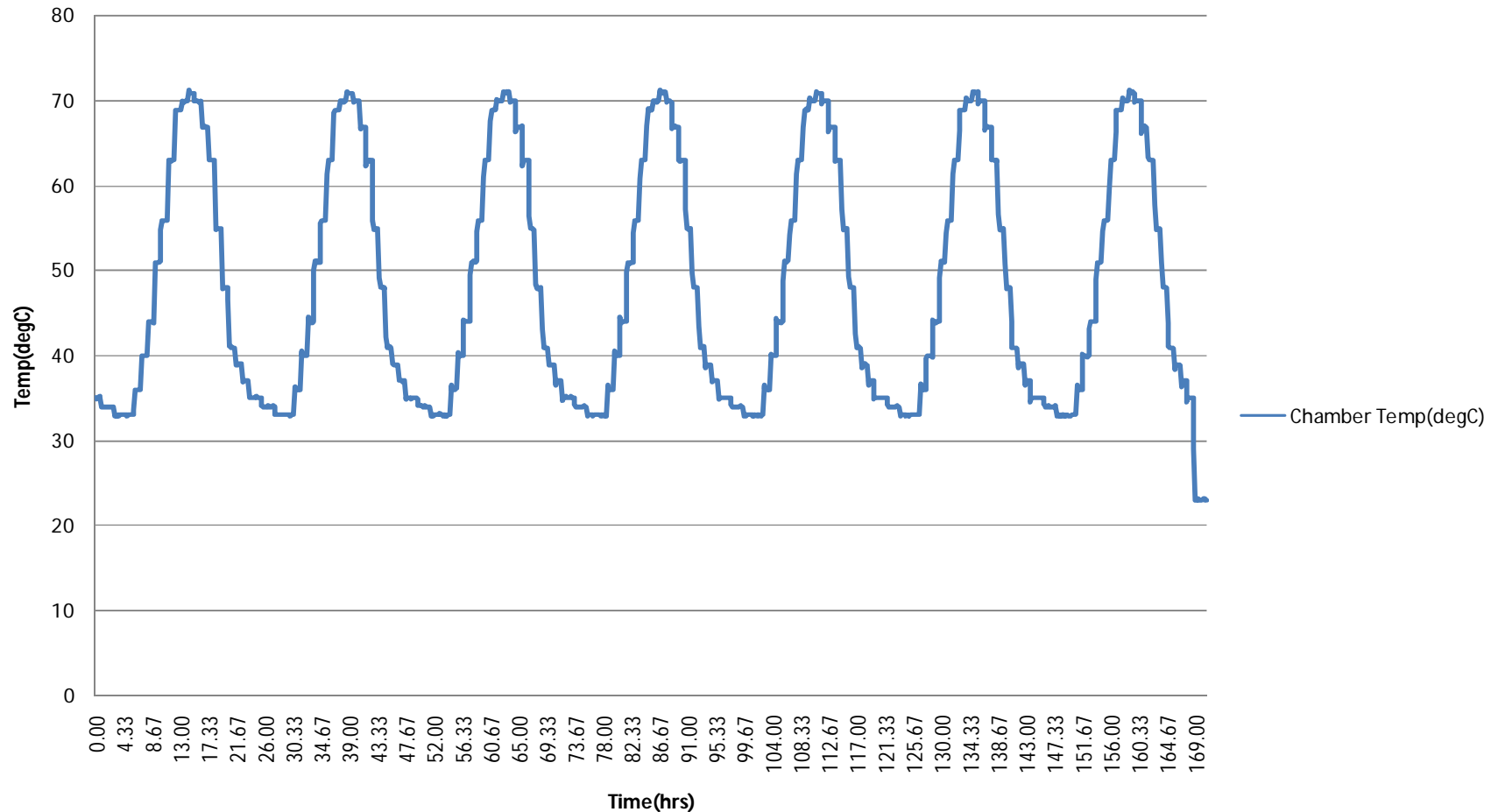
TEST#: IDAH090053
Mil-Std 810F, 501.4, 7-day
High Temp Storage
(Hrs 0-82)



TEST#:IDAH090053
Mil-Std 810F, 501.4, 7-day
High Temp Storage
(Hrs 82-168)



Test #: IDAH090053
Mil-Std 810F, 501.4
7-day Temperature Storage
(24hr cycles), Induced Conditions



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