



Project: Temperature Chamber	#502	File: AMC1000LI ESS.doc
Title: ESS Test Report for AMC-1000LI		Doc No: 20306007-400
Revision: A	Revision Date: 06/11/06	Contract No.:

Revisions Table			
ECR/ECN	LTR	Description	Date
	A	Production Release	06/11/06

Prepared By :	Michael	Sign:		Date:	
Apr. :	Ovadia	Sign:		Date:	
Q.A. :	Arie	Sign:		Date:	

**Table of Contents:**

**1. INTRODUCTION..... 3**

1.1 PURPOSE..... 3

1.2 SCOPE..... 3

1.3 GLOSSARY ..... 3

1.4 APPLICABLE DOCUMENTS ..... 3

1.5 EXECUTIVE SUMMARY ..... 3

1.6 STATEMENT OF COMPLIANCE WITH TEST REQUIREMENTS..... 3

**2. TEMPERATURE CYCLING TEST..... 4**

2.1 UNIT UNDER TEST OVERVIEW..... 4

2.2 TEST INSTRUMENTATION..... 4

2.3 TEST PROCEDURE ..... 4

    2.3.1 *Exclusions From The Test Method*..... 4

    2.3.2 *Temperature Cycling Test Procedure Description*..... 4

    2.3.3 *Test Performance*..... 4

2.4 TEST RESULTS ..... 4

2.5 PRODUCT RESPONSE GRAPHS ..... 5

**Graphs List:**

GRAPH 2-1 - TEMPERATURE CYCLING OF AMC-1000LI..... 5

# 1. Introduction

## 1.1 Purpose

The purpose of this document is to verify that the UUT meets all requirements as per the applicable documents.

## 1.2 Scope

The scope of this ESS Test Report includes the test results as specified by the customer and by the related resources.

## 1.3 Glossary

Abbreviation / Acronym / Term	Explanation / Description
NA	Not Applicable
TBD	To Be Defined
UUT	Unit Under Test

## 1.4 Applicable Documents

This section contains a list of resources (e.g., documents, files, tools) referenced by or related to this document. All documents' revisions are the latest known on the date of test.

ESS Procedure for UUT BES P/N 20640100-403

## 1.5 Executive Summary

The following table summarizes the tests that have been performed in BKD Environmental Chamber.

The customer performed the functional tests, if applicable and they are his sole responsibility.

No.	Test Name	PASS/FAIL
1	Temperature Cycling Test	Pass

## 1.6 Statement Of Compliance with test requirements.

We, BKD - Environmental Test Laboratory, declare under our sole responsibility that the UUT were tested to comply with the requirements of the applicable environmental test specification.

## 2. Temperature Cycling Test

### 2.1 Unit Under Test Overview

Test Date	05/11/06
Customer Representative	Michael
Customer	BES
Unit Name & P/N	AMC-1000LI P/N 20640100-100
Serial Numbers	01
Item Quantity	1

### 2.2 Test Instrumentation

No.	Instrumentation Name	MFG	Function	Remarks
1	R-502	Tenney	Temperature Chamber	

### 2.3 Test Procedure

#### 2.3.1 Exclusions From The Test Method

N/A

Temperature Cycling Test **Procedure** Description

Number of Cycles	1
Cycle Time	5 hours approx

Temperature Change		Period approx.
From	To	
-40°C	+71°C	22 hours

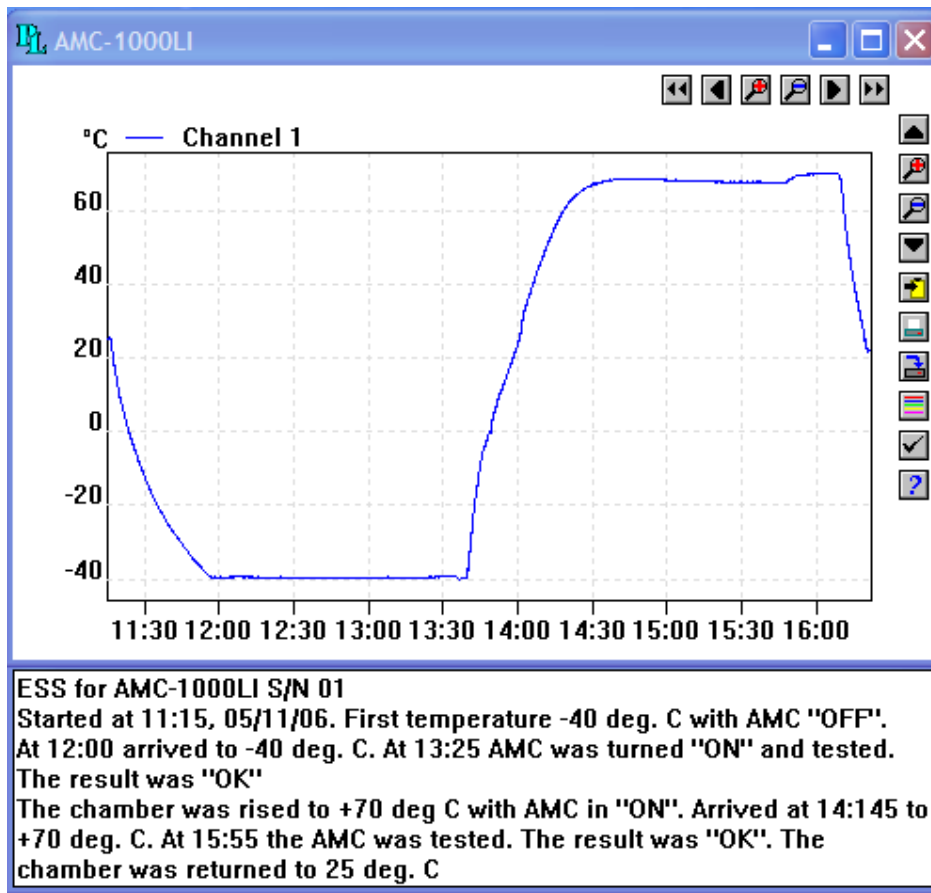
#### 2.3.2 Test Performance

Functional Test	Performed by customer representative at the end of test.
Visual Test	Performed by customer representative at the end of test.

### 2.4 Test Results

In visual inspection at completion of test, no external damage observed.

## 2.5 Product Response Graphs



Graph 2-1 - Temperature Cycling of AMC-1000LI