carmel
Environmental Tests Ltd.

ACCREDITED
TESTING LABORATORY
CERT. # 2881.01

ENVIRONMENTAL TEST REPORT

CUSTOMER	UNIT NAME
Reouel	Case for 19''

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קבוצת ראואל
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DOCUMENT CONTROL

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1 // DOCUMENT HISTORY

The following table records information regarding released editions of this document and briefly describes their purpose and changes made to them.

Edition ID	Release Date	Author	Purpose and Description of Changes
--	October 29, 2015	Chen Zakaim	**Purpose:** Release

2 // DOCUMENT APPROVALS

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1. INTRODUCTION

1.1 // PURPOSE

The purpose of this document is to verify that the **Case for 19"** meets all requirements as per the applicable documents.

1.2 // SCOPE

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

1.3 // GLOSSARY

Term	Description
N.A	Not Applicable
N.C	Not Controlled
PSD	Power Spectral Density
TBD	To Be Defined
RH	Relative Humidity
UUT	Unit Under Test

1.4 // APPLICABLE DOCUMENTS

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

Main Document Customer Requirements

// Test-specific sources

Test	Document
Transit Drop	MIL-STD-810F, Method 516.5, Proc. IV

1.5 // TEST INSTRUMENTATION

Test	Name	S/N	Calibration Due Date
Transit Drop	Quick Release Drop Tester Model H44-3	5171-138	--

1.6 // SYSTEM OVERVIEW



Figure 1.1 - System Overview

1.7 // EXECUTIVE SUMMARY

The following table summarizes the tests that have been performed in Carmel Environmental Test Laboratories.
Reouel performed the visual tests and holds the sole responsibility for the results.

Test Name	Verdict
Transit Drop	✔Pass

Statement of Compliance with Test Requirements

We, Carmel Environmental Test Laboratories, declare under our sole responsibility that the Case for 19" was tested to comply with the requirements of the applicable environmental test specification.

1.8 // LABORATORY ACCREDITATION

Carmel Environmental Test Laboratories Ltd. Is an accredited Laboratory by the American Association for Laboratory Accreditation – A2LA (see accreditation herein).

A2LA logo in the front page is applicable only to the tests under the scope of Carmel Environmental Test Laboratories accreditations.
Carmel Environmental Test Laboratories has A2LA accreditation to ISO/IEC 17025:2005 for test types as listed in the following link:

http://www.a2la.org/scopepdf/2881-01.pdf



American Association for Laboratory Accreditation

Accredited Laboratory

A2LA has accredited

CARMEL-ENVIRONMENTAL TESTS LTD.

Petach Tikva,

for technical competence in the field of

Mechanical Testing

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005 *General requirements for the competence of testing and calibration laboratories*. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (*refer to joint ISO-ILAC-IAF Communiqué dated 8 January 2009*).

Presented this 25th day of March 2014.

President & CEO
For the Accreditation Council
Certificate Number 2881.01
Valid to March 31, 2016

For the types of tests to which this accreditation applies, please refer to the laboratory's Mechanical Scope of Accreditation.

2. TRANSIT DROP TEST

2.1 // UNIT UNDER TEST OVERVIEW

Test Dates	28/10/2015
Customer	Reouel
Customer Rep.	Uri Levi
Unit Name	Case for 19"
P/N	1000839
S/N	9988653
Item Manufacturer	Reouel-Milrack
Number of Units	1

2.2 // TEST DESCRIPTION

2.2.1 // TEST PROCEDURE

// General Setup

Item Condition	Packed	**Height**	76 cm
Type of Drops	Aimed	**Impact Surface**	Wood
Total Drops	8		

// Drops Description

✔ 1 drop on each corner

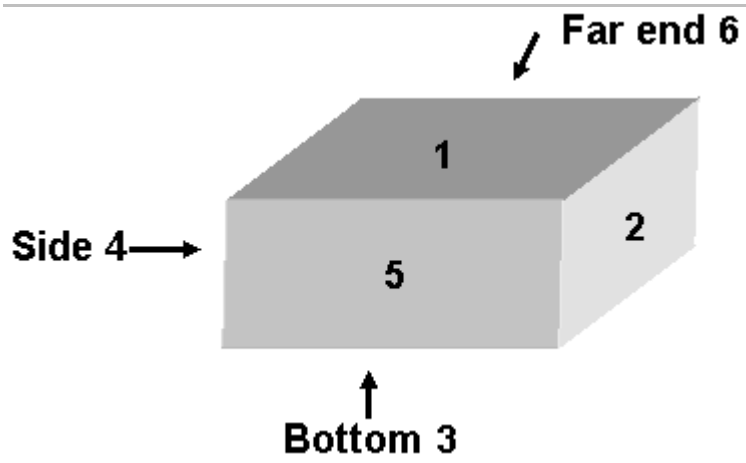


Figure 2.1 – Drop Test Faces Description

EXCLUSIONS FROM THE TEST // 2.2.2 METHOD

Pass

2.2.3 // TEST INSPECTION

	Visual Test
Before Test	✔
During Test	✔
After Test	✔

All inspections were performed by customer's representative.

2.3 // TEST RESULTS

In visual inspection at completion of the test, no external damage observed.
Reouel representative has conducted visual tests at the end of the test.
Test Result:✔Pass

2.4 // TEST PICTURES



Figure 2.2–Drop Test Height

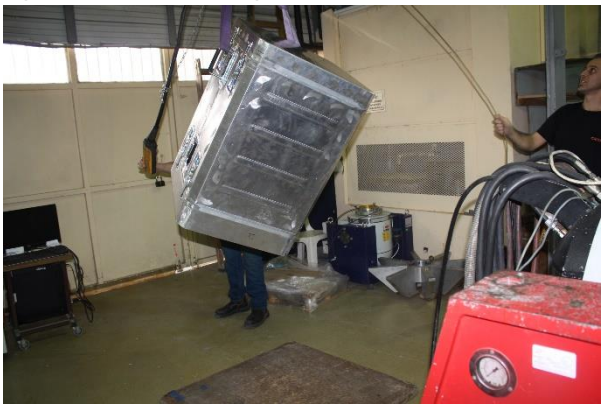


Figure 2.3–UUT on Drop Tester (Position 1)



Figure 2.4–UUT on Drop Tester (Position 2)

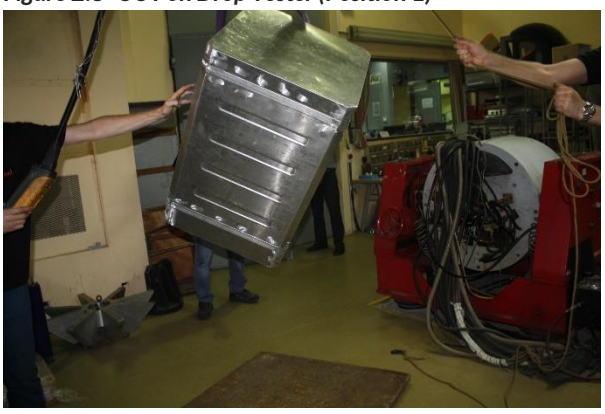


Figure 2.5–UUT on Drop Tester (Position 3)



Figure 2.6–UUT on Drop Tester (Position 4)



Figure 2.7–UUT on Drop Tester (Position 5)



Figure 2.8–UUT on Drop Tester (Position 6)



Figure 2.9–UUT on Drop Tester (Position 7)



Figure 2.10–UUT on Drop Tester (Position 8)

After Test



Figure 2.11–UUT after Test



Figure 2.12– UUT after Test



Figure 2.13–UUT after Test



Figure 2.14– UUT after Test

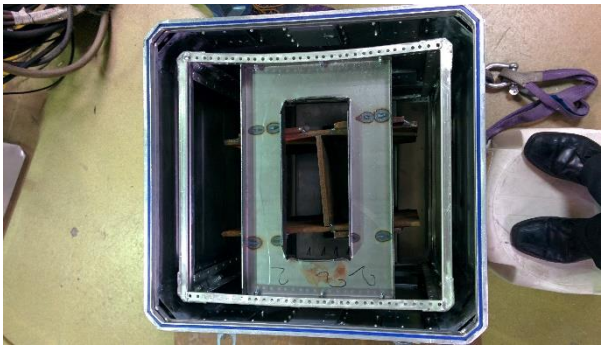


Figure 2.15– UUT after Test

End of Report