CLIMATIC TEST REPORT

According to:

Customer document:
Protocoled by email on 31/01/20

Equipment under test:
DROP AWAY

Company:
EFIRACK

DISTRIBUTION: SIRIMONT (Company: EFIRACK)

Number of pages: 14
(Included 2 appendice

Ed.	Date (mm/dd/yyyy)	Modified	Written by		Technical Quality Approval	
			Name	Vi	Name	Vi
00	04/04/2022	Creation	P. PELLAUD Test Operator	PPE	C. FAUCHEUR Climatic Laborato	

Duplication of this document is only permitted for an integral ph

This document is the result of testing a specimen or a sample of production of the sample tested.

EQUIPMENT UNDER TEST: DROP AWAY

Serial number (S/N):

Part number (P/N):

MANUFACTURER: EFIRACK

CUSTOMER'S NAME AND ADDRESS:

Company: EFIRACK

Address: RUE GEORGES MANDEL
89400 MIGENNES – FRANCE

Contact: Mr SPRIMONT

TEST DATE: On 13/02/2023

TEST LOCATION: EMITECH Laboratory Montig

TESTER: P. PELLAUD

SUMMARY

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1. INTRODUCTION

The report provides the results of climatic tests which have been done on "***DROP AWAY"***, presented by EFIRACK Company.

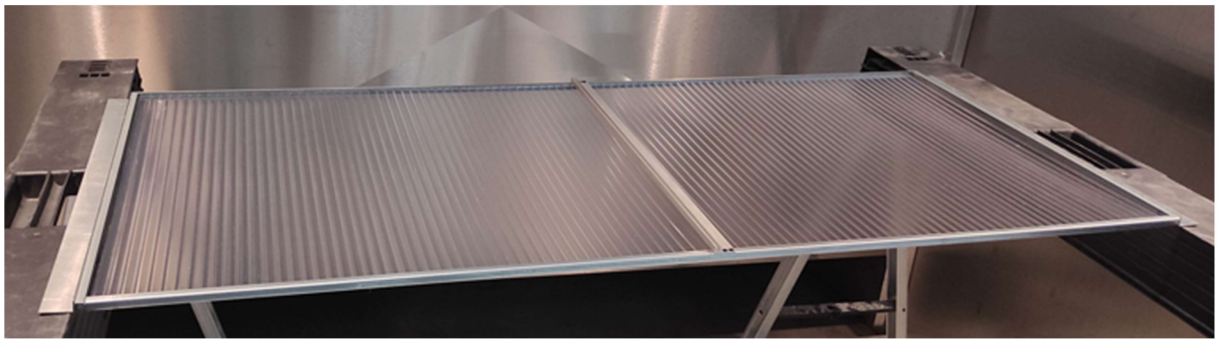
2. REFERENCE DOCUMENT

Customer Document: Protocoled by email on 31/01/2023

3. EQUIPMENT UNDER TEST DESCRIPTION

Tests are performed on specimen given below:

Type: DROP AWAY



4. TEST PROGRAM

The following DRY HEAT test has been perf
Protocole mail on 31/01:

5. SYNTHESIS OF RESULTS

5-1 Chronology

Date (mm/dd/y	Test designa	Commen	Curves in appendices
13/03/2023	Start 10h30 DRY HEAT TEST	First tes	As1
13/03/2023	End 11h00		
13/03/2023	Start 11h DRY HEAT TEST	Second te	As2
13/03/2023	End 13h15		

5-2 Functional control verification

Functional tests consist of checking fr

Functional verifications were performed
are under responsibility of EFIRACK Com

6. DRY HEAT TEST

Purpose of test

Functional tests consist of checking fro

Test procedure

The material is submitted to the followi

Temperatu test cha	Duration duration o (thermal g	Visual (YES/N	Remark	
+ 20 ± 2°C	10 minutes		YES	
+20 ± 2°C =>	+ 60 ± 2°C	2	°C/ min	YES
+ 60 ± 2°C	10 minutes		YES	
+ 60 ± 2°C =>	+ 70 ± 2°C	0.8	°C/ min	Y
+ 70 ± 2°C	3 minutes		YES	
+ 70 ± 2°C =>	+ 80 ± 2°C	0.8	°C/ min	Y

The material is submitted to the followi

Temperatu test char	Duration duration o (thermal g	Visua control	Remark	
+ 20 ± 2°C	10 minutes		YES	
+20 ± 2°C =>	+ 50 ± 2°C	3	°C/ min	YES
+50 ± 2°C =>	+ 60 ± 2°C	0.8	°C/ min	YE
+ 60 ± 2°C	48 minutes		YES	
+ 60 ± 2°C =>	+ 73 ± 2°C	0.8	°C/ min	YE

Test apparatus

Orde	Catego	Manufac	Type	Last date	Next date
15563	Climatic chamber			Climats	690
15484	Measure exchange			Graphtec	GL
15258	Thermo sensor			Jumo	00690290

Test 1, results

Visual control: information until fall.
The functional control: OK, it has falle
Test compliant.

Test 2, results

Visual control: nothing to report.
The functional control: OK, it has falle
Test compliant.

7. CONCLUSION

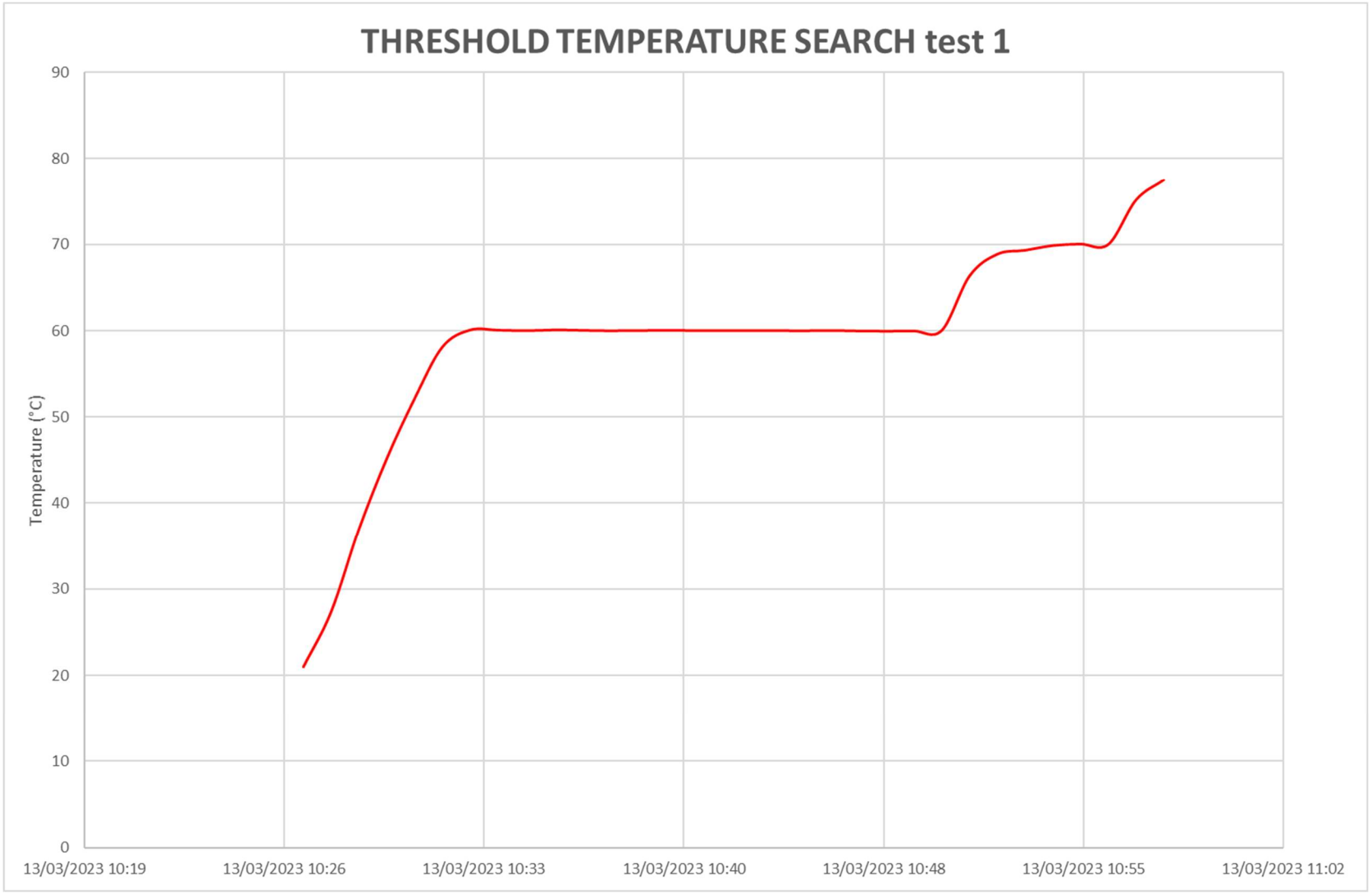
The conclusion of the climatic tests is u

The tests were performed in accordance wi

End of report, 2 appendices to

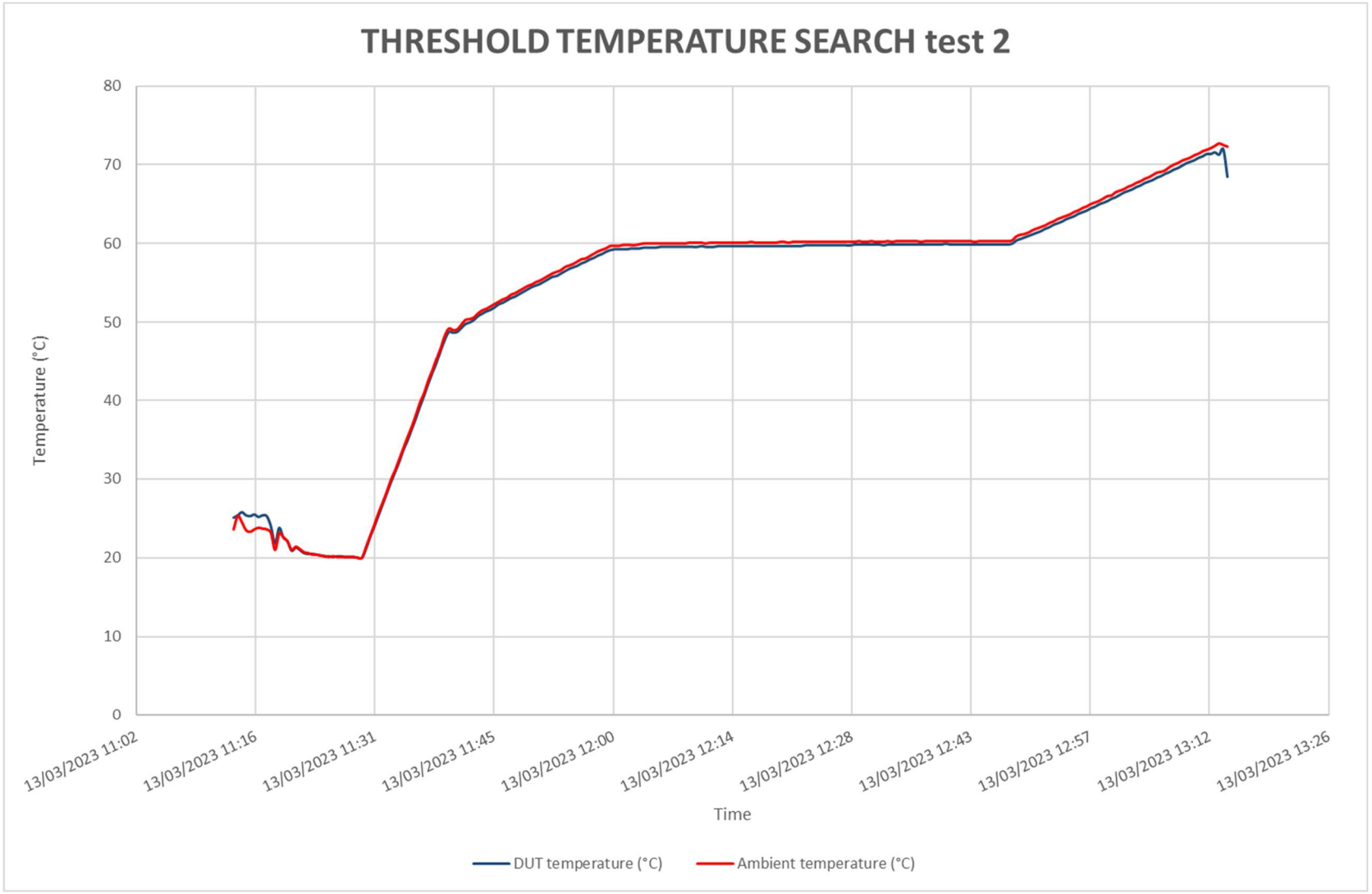
APPENDIX 1:

Pictures and DRAWINGS of TEST


THRESHOLD TEMPERATURE SEARCH test 1
Temperature (°C)
90
80
70
60
50
40
30
20
10
0
13/03/2023 10:19
13/03/2023 10:26
13/03/2023 10:33
13/03/2023 10:40
13/03/2023 10:48
13/03/2023 10:55
13/03/2023 11:02

APPENDIX 2:

Pictures and DRY HEAT TEST


THRESHOLD TEMPERATURE SEARCH test 2
Temperature (°C)
80
70
60
50
40
30
20
10
0
13/03/2023 11:02
13/03/2023 11:16
13/03/2023 11:31
13/03/2023 11:45
13/03/2023 12:00
13/03/2023 12:14
13/03/2023 12:28
13/03/2023 12:43
13/03/2023 12:57
13/03/2023 13:12
13/03/2023 13:26
Time
DUT temperature (°C)
Ambient temperature (°C)