
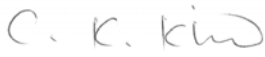


TEST REPORT

Details of Applicant	Applicant	E-TECH Co., Ltd.		
	Address	#403-901, Techno Park Complex, 193, Yakdae-dong, Wonmi-gu, Bucheon-city, Kyunggi-do, 420-734, Korea		
	Contact Person	Jong-Woon Kim		
	Telephone No.	82-32-328-0611	FAX No.	882-32-328-0612
Details of Manufacturer	Kind of Product	FM Handheld Transceiver (VHF)		
	Model Name	EP100	Serial No.	N/A
	Manufacturer	E-TECH Co., Ltd.		
	Address	#403-901, Techno Park Complex, 193, Yakdae-dong, Wonmi-gu, Bucheon-city, Kyunggi-do, 420-734, Korea		
Testing Laboratory	Test Report No.	F690501/RF-RTL001648		
	Name	SGS Testing Korea Co., Ltd.		
	Address	#435-040 Wireless Div. 2F, 18-34, Sanbon-dong, Gunpo-city, Gyeonggi-do, Korea		
	Telephone No.	82 31 428 5740	FAX No.	82 31 427 2371
	Date of Test(s)	2008.01.31 ~ 2008.02.28		
	Date of Issue	2008.03.13		
	Standard	Test Condition from Client as MIL-STD-810F		
	Test Result	Complies		
Tested by	 <hr/> Feel Jeong		Approved by	 <hr/> Jim Kim
SGS Testing Korea Co., Ltd.				

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.

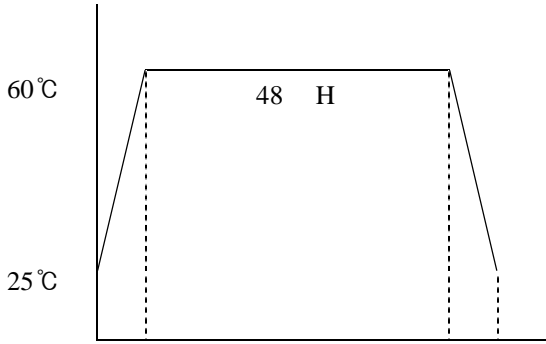

INDEX

TABLE OF CONTENTS

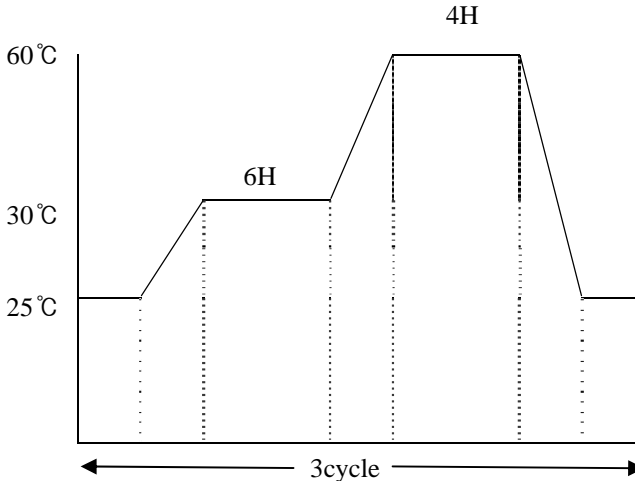

	Page
1. High Temperature Storage Test	3
2. Temperature Cycle Test	4
3. Low Temperature Storage Test	5
4. Temp & Humidity Cycle Test	6
5. Drop Test (Non Packing Set)	7
6. Drop Test (Packing C/T)	8
7. Vibration & Shock Test	9
8. The Photos of Measurement	11
9. The Photos of EUT	14

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.

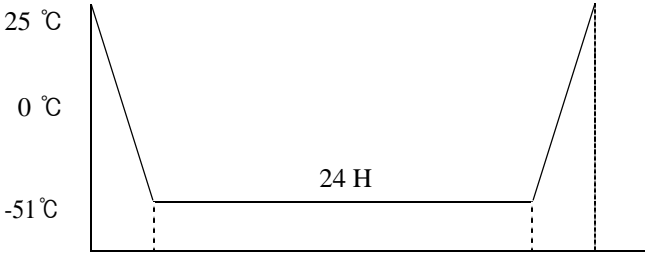

1. High Temperature Storage Test

Test spec	MIL-STD-810F 501.4	
Test Condition from Client	<ol style="list-style-type: none"> 1. Temperature : 60 °C 2. Humidity : 0% 3. Test Time : 50 hrs 4. Check Cycle : After Test 5. Packing Standard 6. Sample : 1 set 7. Test Equipment : Temperature & Humidity Chamber 	
Test Result		
After Test		
The appearance, Function and performance must be OK.		
 <p>※ This is to certify that the sample submitted by client above has been tested.</p>		


2. Temperature Cycle Test

Test spec	MIL-STD-810F 507.4	
Test Condition from Client	1. Temperature : 30~60 °C 2. Humidity : 0% 3. Test Time : 45 H 4. Check Cycle : After Test 5. Packing Standard 6. Sample : 1 set 7. Test Equipment : Temperature & Humidity Chamber	
Test Result		
After Test		
The appearance, Function and performance must be OK.		
<div style="text-align: center;">  </div> <p style="text-align: center;">※ This is to certify that the sample submitted by client above has been tested.</p>		


3. Low Temperature Storage Test

Test spec	MIL-STD-810F 502.4	
Test Condition from Client	1. Temperature : -51 °C 2. Humidity : 0% 3. Test Time : 26 H 4. Check Cycle : After Test 5. Packing Standard 6. Sample : 1 set 7. Test Equipment : Temperature & Humidity Chamber	 <p>The graph shows a temperature profile starting at 25 °C, decreasing linearly to -51 °C, where it remains constant for 24 hours, and then increasing linearly back to 25 °C. Dashed vertical lines indicate the start and end of the 24-hour hold period.</p>
Test Result		
After Test		
The appearance, Function and performance must be OK.		
<div style="text-align: center;">  </div> <p style="text-align: center;">※ This is to certify that the sample submitted by client above has been tested.</p>		


4. Temp & Humidity Cycle Test

<p>Test spec</p>	<p>MIL-STD-810F 507.4</p>	
<p>Test Condition from Client</p>	<p>1. Temperature : 23~30°C 2. Humidity : 55~95% 3. Test Time : 58 H 4. Check Cycle : After Test 5. Packing Standard 6. Sample : 1 set 7. Test Equipment : Temperature & Humidity Chamber</p>	
<p>Test Result</p>		
<p>After Test</p>		
<p>The appearance, Function and performance must be OK.</p>		
<div style="text-align: center;">  </div> <p style="text-align: center;">※ This is to certify that the sample submitted by client above has been tested.</p>		

5. Drop Test (Non Packing Set)


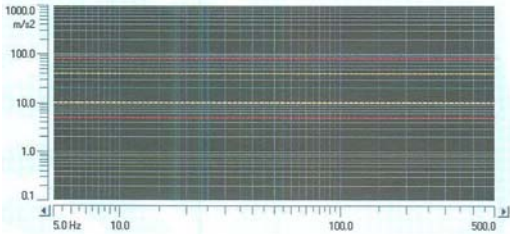
Test spec	MIL-STD-810F 516.5
Test Condition from Client	<ol style="list-style-type: none"> 1. Weigh(Non packing) : 1.47 kg 2. Height of drop : 120 cm 3. Drop section : 4 corners (Bottom side)
Test Result	
After Test	
The appearance, Function and performance must be OK.	
<div data-bbox="632 1126 960 1561" data-label="Image">  </div> <p data-bbox="336 1592 1257 1626">※ This is to certify that the sample submitted by client above has been tested.</p>	

6. Drop Test (Packing C/T)

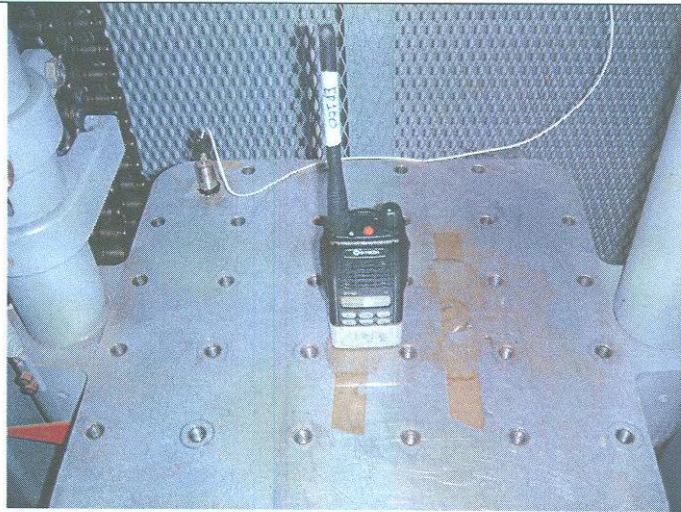
Test spec	MIL-STD-810F 516.5
Test Condition from Client	1. Weigh(Packing) : 2.15 kg 2. Height of drop : 120 cm 3. Drop section : 8 corners, 12 edges, 6 sides
Test Result	
After Test	
The appearance, Function and performance must be OK.	
	
<p>※ This is to certify that the sample submitted by client above has been tested.</p>	

7. Vibration & Shock Test

- Refer attached test report

Test spec	MIL-STD-810F 514.5 PROC I
Test Condition from Client	<p>Vibration Test</p> <p>1. Test Axes : X, Y, Z</p> <p>2. Acceleration : 19.6 m/s² (2.0 G)</p> <p>3. Frequency : 5 ~ 500 Hz</p> <p>4. Test duration : 60 min /axis</p>
Test Result	
After Test	
The appearance, Function and performance must be OK.	
<div style="display: flex; flex-direction: column; align-items: center;">  <p>1. 진동시험사진</p>  <p>2. 진동 그래프</p> </div>	
<p>※ This is to certify that the sample submitted by client above has been tested.</p>	

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.

Test spec	MIL-STD-810F 516.5 PROC I
Test Condition from Client	<p>Shock Test</p> <p>1. Test Axes : X, Y, Z</p> <p>2. Acceleration : 392 m/s² (40 G)</p> <p>3. Test duration : 11 min /axis</p> <p>4. The number of times : 3 times (Each Direction)</p>
Test Result	
After Test	
The appearance, Function and performance must be OK.	
 <p>1. 충격시험사진</p> <p>※ This is to certify that the sample submitted by client above has been tested.</p>	

8. The Photos of Measurement

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.



The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.



The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.

9. The Photos of EUT

The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.



The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.



The results shown in this test report refer only to the sample(s) tested unless otherwise stated. This test report cannot be reproduced, except in full, without prior written permission of the Company.