
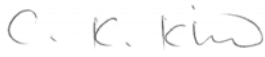


# TEST REPORT

<b>Details of Applicant</b>	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	
<b>Details of Manufacturer</b>	Kind of Product	FM Handheld Transceiver (UHF)			
	Model Name	EP400	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			
<b>Testing Laboratory</b>	Test Report No.	F690501/RF-RTL001646			
	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			
<b>Tested by</b>	 <hr style="width: 100%;"/>		<b>Approved by</b>	 <hr style="width: 100%;"/>	
<b>Feel Jeong</b>		<b>Jim Kim</b>			
<h2 style="margin: 0;">SGS Testing Korea Co., Ltd.</h2>					

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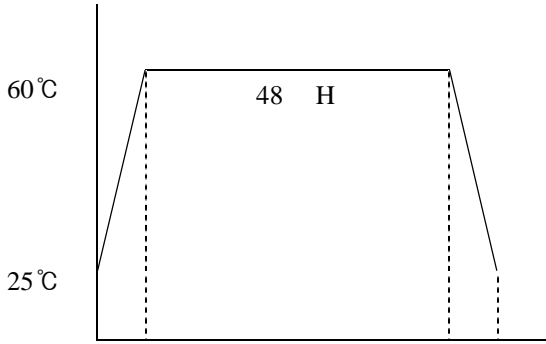

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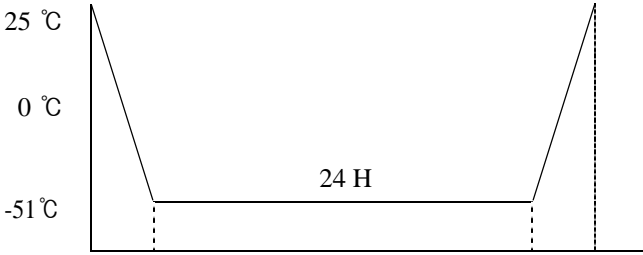

**1. High Temperature Storage Test**

Test spec	MIL-STD-810F 501.4	
Test Condition from Client	<ol style="list-style-type: none"> <li>1. Temperature : 60 °C</li> <li>2. Humidity : 0%</li> <li>3. Test Time : 50 hrs</li> <li>4. Check Cycle : After Test</li> <li>5. Packing Standard</li> <li>6. Sample : 1 set</li> <li>7. Test Equipment : Temperature &amp; Humidity Chamber</li> </ol>	
<b>Test Result</b>		
<b>After Test</b>		
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	
<b>Test Result</b>		
<b>After Test</b>		
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>
<b>Test Result</b>		
<b>After Test</b>		
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 &amp; Humidity Chamber</p>	
<p><b>Test Result</b></p>		
<p><b>After Test</b></p>		
<p>The appearance, Function and performance must be OK.</p>		
 <p>※ 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"> <li>1. Weigh(Non packing) : 1.47 kg</li> <li>2. Height of drop : 120 cm</li> <li>3. Drop section : 4 corners (Bottom side)</li> </ol>
<b>Test Result</b>	
<b>After Test</b>	
The appearance, Function and performance must be OK.	
<div data-bbox="624 1117 967 1570" data-label="Image">  </div> <p data-bbox="336 1592 1259 1626">※ This is to certify that the sample submitted by client above has been tested.</p>	

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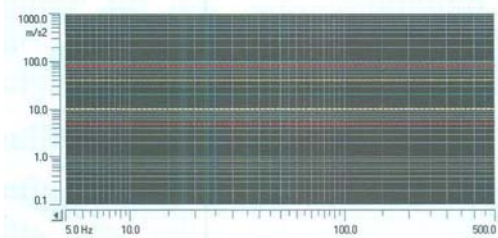
**6. Drop Test (Packing C/T)**

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
<b>Test Result</b>	
<b>After Test</b>	
The appearance, Function and performance must be OK.	
	
<p>※ This is to certify that the sample submitted by client above has been tested.</p>	

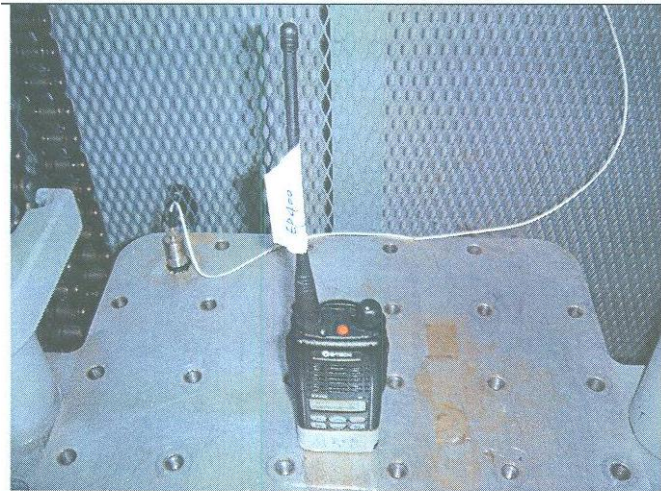


## 7. Vibration & Shock Test

- Refer attached test report

Test spec	MIL-STD-810F 514.5 PROC I
Test Condition from Client	<p><b>Vibration Test</b></p> <p>1. Test Axes : X, Y, Z</p> <p>2. Acceleration : 19.6 m/s<sup>2</sup> (2.0 G)</p> <p>3. Frequency : 5 ~ 500 Hz</p> <p>4. Test duration : 60 min /axis</p>
<b>Test Result</b>	
<b>After Test</b>	
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>	

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Test spec	MIL-STD-810F 516.5 PROC I
Test Condition from Client	<p><b>Shock Test</b></p> <p>1. Test Axes : X, Y, Z</p> <p>2. Acceleration : 392 m/s<sup>2</sup> (40 G)</p> <p>3. Test duration : 11 min /axis</p> <p>4. The number of times : 3 times (Each Direction)</p>
<b>Test Result</b>	
<b>After Test</b>	
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**

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**9. The Photos of EUT**

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