

Order No. : STR-07-0034/R

| TEST REPORT | | | | |
|----------------------------|-----------------|--|--|--|
| Details of | Applicant | E-TECH Co., Ltd. | | |
| | Address | #403-901, Techno Park Complex, 193, Yakdae-dong, Wonmi-gu, Bucheon-city, Kyunggi-do, 420-734, Korea | | |
| Applicant | Contact Person | Jong-woon Kim | | |
| | Telephone No. | 82 32-328 5740 FAX No. 82 32 328 0612 | | |
| | Kind of Product | Private Land Mobile Radio for Vehicle (UHF) | | |
| | Model Name | IM400 Serial No. N/A | | |
| Details of Manufacturer | Manufacturer | E-TECH Co., Ltd. | | |
| | Address | #403-901, Techno Park Complex, 193, Yakdae-dong, Wonmi-gu, Bucheon-city, Kyunggi-do, 420-734, Korea | | |
| | Test Report No. | AT-07-03 (R1) | | |
| | Name | SGS Testing Korea Co., Ltd. | | |
| | Address | #435-040 Wireless Div. 2F, 18-34, Sanbon-dong, Gunpo-city, Gyeonggi-do, Korea | | |
| Testing | Telephone No. | 82 31 428 5740 FAX No. 82 31 427 2371 | | |
| Laboratory | Date of Test(s) | 2007.02.09 ~ 2007.02.23 | | |
| | Date of Issue | 2007.02. 23 | | |
| | Standard | Test Condition from Client as MIL-STD-810F | | |
| | Test Result | Complies | | |
| Tested by | Marin | Approved by | | |
| | Denny Hai | m James Kwon | | |
| | SGS Te | sting Korea Co., Ltd. | | |



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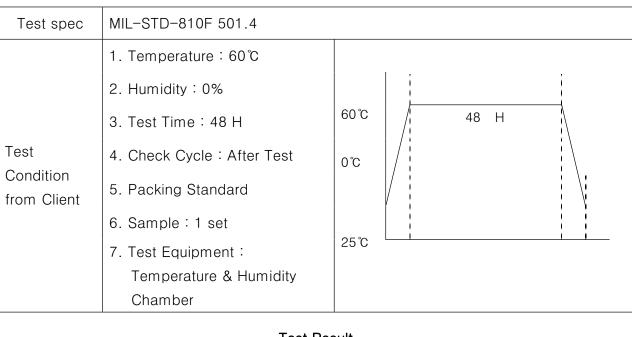
Attached Report for Vibration & Shock Test



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1. High Temperature Storage Test



Test Result

After Test

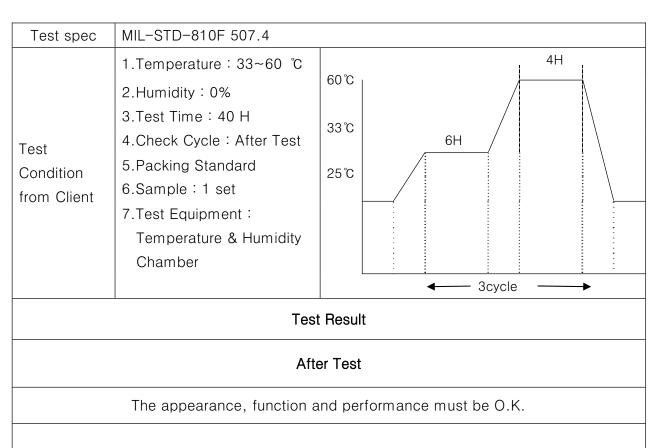
The appearance, function and performance must be O.K.



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2. Temperature Cycle Test

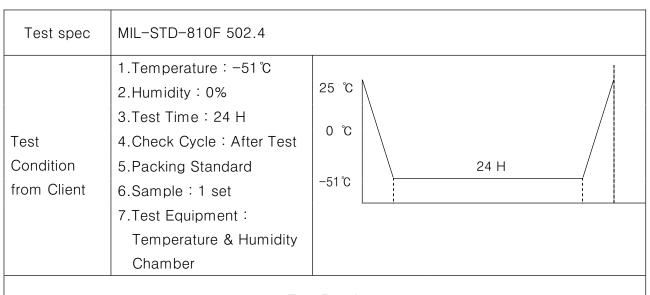




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3. Low Temperature Storage Test



Test Result

After Test

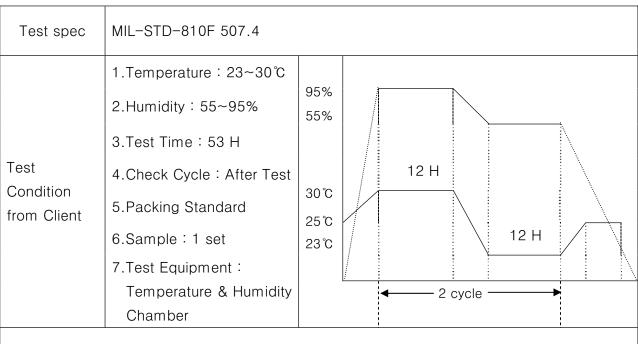
The appearance, function and performance must be O.K.



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4. Temp & Humidity Cycle Test



Test Result

After Test

The appearance, function and performance must be O.K.



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5. Drop Test (Non Packing Set)

| Test spec | MIL-STD-810F 516.5 | | |
|---|--|--|--|
| Test Condition from Client | Weigh(Non packing): 1.47 kg Height of drop: 120 cm Drop section: 4 corners (Bottom side) | | |
| | Test Result | | |
| | After Test | | |
| | The appearance, function and performance must be O.K. | | |
| The appearance, function and performance must be O.K. ** This is to certify that the sample submitted by client above has been tested. | | | |
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6. Drop Test (Packing C/T)

| Test spec | MIL-STD-810F 516.5 | | |
|---|---|--|--|
| | | | |
| Test | 1. Weigh(Packing): 2.15 kg | | |
| Condition | 2. Height of drop: 120 cm | | |
| from Client | 3. Drop section: 8 corners, 12 edges, 6 sides | | |
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| | Test Result | | |
| | After Test | | |
| | The appearance, function and performance must be O.K. | | |
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| This is to certify that the sample submitted by client above has been tested. | | | |
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7. Vibration & Shock Test

- Refer attached test report

| Test spec | MIL-STD-810F 514.5 PROC I | |
|---|---|--|
| Test Condition from Client | Vibration Test 1. Test Axes: X, Y, Z 2. Acceleration: 19.6 m/s² (2.0 G) 3. Frequency: 5 ~ 500 Hz 4. Test duration: 60 min /axis | |
| | Test Result | |
| | After Test | |
| The appearance, function and performance must be O.K. | | |
| * This is to certify that the sample submitted by client above has been tested. | | |
| | | |



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| Test spec | MIL-STD-810F 516.5 PROC I | | |
|----------------------------------|---|--|--|
| Test Condition from Client | Shock Test 1. Test Axes: X, Y, Z 2. Acceleration: 392 m/s² (40 G) 3. Test duration: 11 min /axis | | |
| | Test Result | | |
| | After Test | | |
| | The appearance, function and performance must be O.K. | | |
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| ※ This is to | o certify that the sample submitted by client above has been tested. | | |



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8. The Photos of Measurement







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9. The Photos of EUT







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시험성적서

TEST REPORT

발급 번호:

의시2007-0213

이 지: 페 Page

Report No

시험 일자:

2007. 02. 10 ~ 2007. 02. 23

접 수 일 자 : 2007. 02. 09

Date of Test

Date of receipt

경기도 부천시 원미구 약대동 193 부천 테크노파크 403-901

Address

사 명: ठे

신청인 주소:

이테크㈜

Manufacturer (Client)

대 표 자 명:

김 일 중

Representative

Product (rating/model)

Private Land Mobile Radio (UHF)

도:

신뢰성 평가용

Purpose of use 시 험 방 법:

의뢰자 제시 규격

Test method

| 시 험 항 목 | 시험기준 및 방법 | 시험 결과 |
|---------|-----------|---------|
| | " 붙 임 " | THE DAY |

이 성적서는 의뢰자가 제시한 시료 및 시료명으로 시험한 결과로서 전체제품에 대한 품질을 보증하지는 않습니다.

As a test result of sample which was submitted from the client, this test report does not guarantee the whole product quality.

※ 이 시험성적서는 당 시험연구원의 사전 서면 동의 없이 홍보, 선전, 광고 및 소송용 으로 사용될 수 없으며, 용도 이외의 사용을 금하며, 유효기간은 발행일로부터 90일임.

This test report should not be used for public relations, advertisement, conduct propaganda and raised for a suit without a written agreement of testing institute, and should not be used for various purposes besides subscribed use, and is valid for 90 days from date of issue.

※ 이 시험성적서의 사본은 무효임.

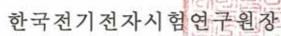
The copy of this test report is invalid for use.

※ 이 시험성적서는 의뢰자가 제시한 시험방법에 의한 시험결과를 포함하고 있습니다.

This test report including test result conducted by using the test methode which was suggested from a client.

Date 2007 년

02 월



KOREA ELECTRIC TESTING INSTITUTE

경기도 군포시 금정동 692-8

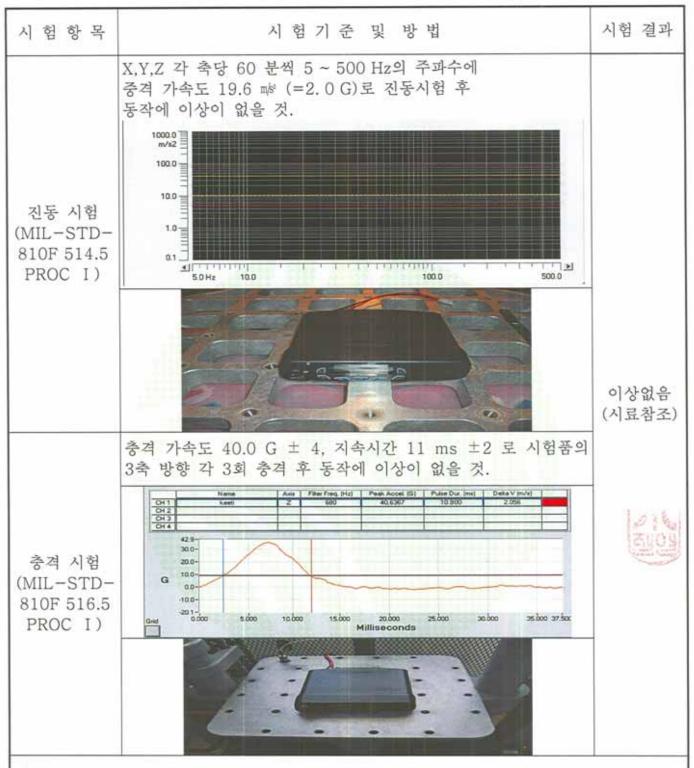
692-8 Keumjung-dong, Kunpo-city,

Kyungki-do, 435-050, KOREA TEL: (031) 455-1744-7

FAX: (031) 455-2925

[서식 P001-07-01]

시험결과



비고:

- 1. 시험기준 및 방법은 의뢰자의 제시기준 및 시료에 의거함.
- 2. 주위 온도: 25 ℃, 60 % R.H.
- 3. 모델명 : IM400 4. 1 G = 9.807 짜