



1. GENERAL INFORMATION

1.1 APPLICANT:

MEAN WELL Enterprises Co., Ltd.
No. 28, Wu-Chuan 3rd Road, Wu Ku Ind. Park, Taipei Hsien, Taiwan 248

1.2 MANUFACTURER:

DANUBE ENTERPRISE CO., LTD.
A2,NO.255,Fengren Rd., Renwu Shiang Kaohsiung County 814, Taiwan (R.O.C.)

EUT DESCRIPTION

The tested sample is a DC/DC Converter for general user. The samples were tested with the following configuration:

| | |
|-------------------------|--|
| Product | DC/DC Converter |
| Model | SKE15 Series, DKE15 Series |
| Housing Type | Plastic case |
| EUT power Rating | Please refer to input voltage of table 1.2.1 |

1.2.1 Model Differences

| Model Name | Difference |
|------------------------------|--|
| SKE15 Series DKE15 Series | vKE15x-yzzz v= S(single output) D(Dual output) x=A(9~18V input voltage) B(18~36V input voltage) C(36~72 input voltage) F(9~36V input voltage) G(18~72V input voltage) S(18~54V input voltage) Q(9~27V input voltage) y=03(3.3V single output) 05(5V single output ; ±5V Dual output) 09(9V single output) 12(12V single output ; ±12V Dual output) 15(15V single output ; ±15V Dual output) 24(24V single output ; ±24V Dual output) 27(27V single output) zzz=0~9 , A~Z or blank for market purpose ; |



| | |
|--|---|
| | -3K : 3KV Isolation RC : Remote ON/OFF |
|--|---|

1.2.2 I/O port of the EUT

| I/O port type | Q'ty | Tested with |
|---------------|------|-------------|
| N/A | N/A | N/A |

Note: Client consigns only one model sample (Model number is DKE15A-24) to test.

1.3 TEST METHODOLOGY

EUT SYSTEM OPERATION

1. Turn on the power of all equipment.

DECISION OF FINAL TEST MODE

1. The following test mode were scanned during the preliminary test:

Mode 1:The DC power to EUT Full Load

Mode 2:The DC power to EUT half Load

2. After the preliminary scan, the following test mode was found to produce the highest emission level.

Conduction: N/A

Radiation: Mode 1

Then, the EUT configuration and cable configuration of the above highest emission mode was chosen for all final test item



1.4 DESCRIPTION OF THE SUPPORT EQUIPMENTS

Setup Diagram

See test photographs attached in appendix 1 for the actual connections between EUT and support equipment.

Support Equipment

Peripherals Devices:

| EMI | | | | | | | |
|-----|-----------|----------------|------------|--------------------|------------|------------|--------------------|
| No. | Equipment | Model | Serial No. | FCC ID/ BSMI ID | Trade name | Data Cable | Power Cord |
| 1 | DC Source | GPC-3030 DQ | C680186 | N/A | GW | N/A | Unshielded 1.5M |
| 2 | Resister | N/A | N/A | N/A | N/A | N/A | Unshielded 0.5M |

| EMS | | | | | | | |
|-----|-----------|----------------|------------|--------------------|------------|------------|--------------------|
| No. | Equipment | Model | Serial No. | FCC ID/ BSMI ID | Trade name | Data Cable | Power Cord |
| 1 | DC Source | GPC-3030 DQ | C680186 | N/A | GW | N/A | Unshielded 1.5M |
| 2 | Resister | N/A | N/A | N/A | N/A | N/A | Unshielded 0.5M |

Note: All the above equipment /cable were placed in worse case position to maximize emission signals during emission test

Grounding: Grounding was in accordance with the manufacturer's requirement and conditions for the intended use.



2. GENERAL

2.1 CERTIFICATION OF ACCURACY OF TEST DATA

Standards: ANSI C63.4-2003, CFR 47 Part 15 Subpart B
Section 15.107 and 15.109

Equipment Tested: DC/DC Converter

Model: SKE15 Series, DKE15 Series

Sample received Date: 2006/11/14

Final test Date : refer to the date of test data

Test Result **PASS**

Test Engineer:

Daniel.

All the tests in this report have been performed and recorded in accordance with the standards described above and performed by an independent electromagnetic compatibility consultant, Global Certification Corp.

The test results contained in this report accurately represent the radiated and power line conducted electromagnetic emissions generated by sample equipment under test at the time of the test.

The sample equipment tested as described in this report is in compliance with the limits of above standards.

Test results given in this report apply only to the specific sample(s) tested under stated test conditions.
This report shall not be reproduced other than in full without the explicit written consent of Global.