

ABNORMAL TEST RESULT

OF MODEL SUW324**/SUCW324**

1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown?

No.

4. Other Results?

See the following pages .

(FMEA : 2/ 8 ~ 7/ 8)

(Abnormal Test Result: 8/ 8 ~ 8/ 8)

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

F M E A

| Component | Mode | Comment | Output Voltage |
|-----------|-------|------------------------|----------------------------------|
| C10 | Open | Normal operation. | |
| | Short | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| C12 | Open | Normal operation. | |
| | Short | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| C13 | Open | Normal operation. | |
| | Short | Normal operation. | |
| C21 | Open | Normal operation. | |
| | Short | Normal operation. | |
| C22 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | Normal operation. | |
| C23 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | No Hazard. | AVR1:Decreased AVR2:Decreased |
| C40 | Open | Normal operation. | |
| | Short | Normal operation. | |
| C50 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | No Hazard. | AVR1:Decreased AVR2:Decreased |
| C51 | Open | Normal operation. | |
| | Short | No Hazard. | AVR1:Decreased AVR2:Decreased |
| C52 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | No Hazard. | AVR1:Decreased AVR2:Decreased |
| C53 | Open | Normal operation. | |
| | Short | No Hazard. | AVR1:Decreased AVR2:Decreased |
| C54 | Open | Normal operation. | |
| | Short | No Hazard. | AVR1:Decreased AVR2:Decreased |

F M E A

| Component | Mode | | Comment | Output Voltage |
|-----------|-------|-----|------------------------|----------------------------------|
| C61 | Open | | Normal operation. | |
| | Short | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| C62 | Open | | Normal operation. | |
| | Short | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| D11 | Open | | Normal operation. | |
| | Short | | No Hazard. | AVR1:0[V] AVR2:0[V] |
| D21 | Open | | Normal operation. | |
| | Short | | Normal operation. | |
| D22 | Open | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | | Normal operation. | |
| D23 | Open | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| D24 | Open | | Normal operation. | |
| | Short | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| D51 | Open | | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| D52 | Open | | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| IC61 | Open | K | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | | A | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | | R | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | A-K | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | | K-R | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | | R-A | No Hazard. | AVR1:Decreased AVR2:Decreased |

F M E A

| Component | Mode | | Comment | Output Voltage |
|-----------|-------|------|------------------------|----------------------------------|
| L11 | Open | | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | | Normal operation. | |
| L51 | Open | | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | | Normal operation. | |
| L52 | Open | | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | | Normal operation. | |
| PC11 | Open | A, K | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | | C, E | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | A-K | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | | C-E | No Hazard. | AVR1:Decreased AVR2:Decreased |
| T11 | Open | 1 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 2 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 3 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 4 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 5 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 6 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 7 | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 8 | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | 1-2 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 2-3 | Normal operation. | |
| | | 3-4 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 4-5 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 5-6 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | 6-7 | Normal operation. | |

F M E A

| Component | Mode | | Comment | Output Voltage |
|-----------|-------|-----|------------------------|------------------------|
| T11 | Short | 7-8 | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| TR11 | Open | D | See 9 Page. | |
| | | S | See 9 Page. | |
| | | G | See 9 Page. | |
| | Short | D-S | See 9 Page. | |
| | | S-G | See 9 Page. | |
| | | G-D | See 9 Page. | |
| TR12 | Open | C | Normal operation. | |
| | | E | Normal operation. | |
| | | B | Normal operation. | |
| | Short | C-E | Normal operation. | |
| | | E-B | Normal operation. | |
| | | B-C | Normal operation. | |
| TR21 | Open | C | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | E | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | B | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | C-E | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | E-B | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | B-C | No Hazard. | AVR1:0[V] AVR2:0[V] |
| TR41 | Open | C | Normal operation. | |
| | | E | Normal operation. | |
| | | B | Normal operation. | |
| | Short | C-E | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | E-B | Normal operation. | |

F M E A

| Component | Mode | | Comment | Output Voltage |
|-----------|-------|-----|-------------------|----------------------------------|
| TR41 | Short | B-C | No Hazard. | AVR1:0[V] AVR2:0[V] |
| ZD11 | Open | | Normal operation. | |
| | Short | | Normal operation. | |
| ZD12 | Open | | Normal operation. | |
| | Short | | Normal operation. | |
| ZD21 | Open | | Normal operation. | |
| | Short | | Normal operation. | |
| ZD22 | Open | | Normal operation. | |
| | Short | | Normal operation. | |
| ZD61 | Open | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | | Normal operation. | |
| ZD62 | Open | | No Hazard. | AVR1:Decreased AVR2:Decreased |
| | Short | | Normal operation. | |
| R11 | Open | | Normal operation. | |
| R12 | Open | | Normal operation. | |
| R13 | Open | | Normal operation. | |
| R14 | Open | | Normal operation. | |
| R15 | Open | | Normal operation. | |
| R16 | Open | | Normal operation. | |
| R21 | Open | | Normal operation. | |
| R22 | Open | | Normal operation. | |
| R23 | Open | | Normal operation. | |
| R24 | Open | | Normal operation. | |
| R25 | Open | | No Hazard. | AVR1:Decreased AVR2:Decreased |

F M E A

| Component | Mode | Comment | Output Voltage |
|-----------|------|-------------------|----------------------------------|
| R26 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| R27 | Open | Normal operation. | |
| R28 | Open | Normal operation. | |
| R29 | Open | Normal operation. | |
| R30 | Open | Normal operation. | |
| R31 | Open | Normal operation. | |
| R32 | Open | Normal operation. | |
| R40 | Open | Normal operation. | |
| R41 | Open | Normal operation. | |
| R42 | Open | Normal operation. | |
| R50 | Open | Normal operation. | |
| R51 | Open | Normal operation. | |
| R60 | Open | Normal operation. | |
| R61 | Open | Normal operation. | |
| R64 | Open | Normal operation. | |
| R65 | Open | Normal operation. | |
| R67 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| R68 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| R69 | Open | No Hazard. | AVR1:Decreased AVR2:Decreased |
| R70 | Open | Normal operation. | |
| R71 | Open | Normal operation. | |
| R72 | Open | Normal operation. | |
| R73 | Open | Normal operation. | |

ABNORMAL TEST RESULT

| Component | Mode | | Comment | Output Voltage |
|-----------|-------|-----|------------------------|------------------------|
| TR11 | Open | D | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | S | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | G | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | Short | D-S | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | S-G | No Hazard. | AVR1:0[V] AVR2:0[V] |
| | | G-D | F11 opened, No Hazard. | AVR1:0[V] AVR2:0[V] |