

## ABNORMAL TEST RESULT

## OF MODEL STMGFS30

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/ 4 ~ 3/ 4)

( Abnormal Test Result: 4/ 4 ~ 4/ 4)

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 (V)
C11	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
C17	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
C18	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
C19	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
C20	Open		Normal operation.	
	Short		Normal operation.	
C51	Open		Normal operation.	
	Short		Normal operation.	
C52	Open		Normal operation.	
	Short		Normal operation.	
C53	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C54	Open	12V/15V only	Normal operation.	
	Short	12V/15V only	No hazard.	AVR1:0
CN4	Open		No hazard.	AVR1:0
	Short		Normal operation.	
D11	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
D52	Open		Normal operation.	
	Short		Output voltage decreased/increased. No hazard.	AVR1:3R3/5 decreased , 12/15 Increased

## F M E A

Component	Mode		Comment	Output Voltage (V)
D53	Open		Normal operation.	
	Short		Output voltage increased. No hazard.	AVR1:Increased
F11	Open		No hazard.	AVR1:0
L11	Open		No hazard.	AVR1:0
	Short		Normal operation.	
PS1	Short	+VIN_-VIN	F11 opened, No hazard.	
		-Vo_RC	Normal operation.	
		+Vo_-Vo	No hazard.	AVR1:0
		-Vo_TRM	Output voltage increased. No hazard.	AVR1:Increased
	+VIN : Open		No hazard.	AVR1:0
	-VIN : Open		See 4page.	AVR1:0
	RC : Open		No hazard.	AVR1:0
	+Vo : Open		No hazard.	AVR1:0
	-Vo : Open		No hazard.	AVR1:0
VR51	Open	brush	Normal operation.	
		R51 side	Output voltage increased. No hazard.	AVR1:Increased
		R52 side	Output voltage decreased. No hazard.	AVR1:decreased
	Short		Normal operation.	
R11	Open		No hazard.	AVR1:0
R12	Open		No hazard.	AVR1:0
R51	Open		Output voltage increased. No hazard.	AVR1:Increased
R52	Open		Output voltage decreased. No hazard.	AVR1:decreased



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Component	Mode	Comment	Output Voltage (V)
PS1	-VIN : Open	No hazard.	AVR1:0