



ABNORMAL TEST RESULT

OF MODEL PDA15F

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 : 2/10 ~ 9/10)

(Abnormal Test Result: 10/10 ~ 10/10)

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)
C101	Open	Normal operation.	AVR1:**
	Short	F101 opened, No hazard.	AVR1:0
C201	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	F101 opened, No hazard.	AVR1:0
C202	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C203	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C204	Open	Normal operation.	AVR1:**
	Short	See page 10.	
C205 (Except:-24)	Open	Normal operation.	AVR1:**
	Short	See page 10.	
C212	Open	Normal operation.	AVR1:**
	Short	No Hazard.	AVR1:0
C213	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C214	Open	Normal operation.	AVR1:**
	Short	Normal operation.	AVR1:**
C221	Open	Normal operation.	AVR1:**
	Short	No Hazard.	AVR1:0
C223	Open	Normal operation.	AVR1:**
	Short	No Hazard.	AVR1:0
C224	Open	Normal operation.	AVR1:**
	Short	Output voltage decreased. No hazard.	AVR1:decreased



F M E A

Component	Mode	Comment	Output Voltage (V)
C231	Open	Normal operation.	AVR1:*
	Short	F101 opened, No hazard.	AVR1:0
C241	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C242	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	No Hazard.	AVR1:0
C501	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C502 (Only -5)	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C503	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C504	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C505 (Only -5)	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C533 (Except:-5)	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C534 (Except:-5)	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C535 (Only -5)	Open	Normal operation.	AVR1:*
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C601	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased



F M E A

Component	Mode		Comment	Output Voltage (V)
C602	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C604 (Except:-5)	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		Output voltage decreased. No hazard.	AVR1:decreased
C605	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
C606	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
D201	Open		Normal operation.	AVR1:*
	Short		See page 10.	
D211	Open		Normal operation.	AVR1:*
	Short		F101 opened, No hazard.	AVR1:0
D212	Open		See page 10.	
	Short		Normal operation.	AVR1:*
D221	Open		See page 10.	
	Short		No Hazard.	AVR1:0
D501	Open		See page 10.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
D502 (Except:-24)	Open		See page 10.	
	Short		Output voltage decreased. No hazard.	AVR1:decreased
IC201	Open	1	No Hazard.	AVR1:0
		2	Output voltage decreased. No hazard.	AVR1:decreased
		3	F101 opened, No hazard.	AVR1:0
		4	No Hazard.	AVR1:0



F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Open	5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		8	Normal operation.	AVR1:*
	Short	1-2	Output voltage decreased. No hazard.	AVR1:decreased
		2-3	No Hazard.	AVR1:0
		3-4	F101 opened, No hazard.	AVR1:0
		5-6	F101 opened, No hazard.	AVR1:0
IC601	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	Output voltage decreased. No hazard.	AVR1:decreased
		4	Output voltage decreased. No hazard.	AVR1:decreased
		5	No Hazard.	AVR1:0
	Short	2-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
L101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
L221	Open		See page 10.	
	Short		Normal operation.	AVR1:*
L501	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
PC201	Open	A, K	Output voltage decreased. No hazard.	AVR1:decreased
		C, E	Output voltage decreased. No hazard.	AVR1:decreased



F M E A

Component	Mode		Comment	Output Voltage (V)
PC201	Short	A-K	Output voltage decreased. No hazard.	AVR1:decreased
		C-E	No Hazard.	AVR1:0
PC202	Open	A, K	Normal operation.	AVR1:**
		C, E	Normal operation.	AVR1:**
	Short	A-K	Normal operation.	AVR1:**
		C-E	No Hazard.	AVR1:0
R101	Open		Normal operation.	AVR1:**
R102	Open		Normal operation.	AVR1:**
R103	Open		Normal operation.	AVR1:**
R104	Open		Normal operation.	AVR1:**
R105	Open		Normal operation.	AVR1:**
R201	Open		Normal operation.	AVR1:**
R203	Open		Normal operation.	AVR1:**
R204	Open		Normal operation.	AVR1:**
R206	Open		Normal operation.	AVR1:**
R211	Open		Output voltage decreased. No hazard.	AVR1:decreased
R213	Open		No Hazard.	AVR1:0
R214	Open		No Hazard.	AVR1:0
R215	Open		Normal operation.	AVR1:**
R216	Open		No Hazard.	AVR1:0
R222	Open		No Hazard.	AVR1:0
R223	Open		No Hazard.	AVR1:0
R231	Open		F101 opened, No hazard.	AVR1:0
R232	Open		Output voltage decreased. No hazard.	AVR1:decreased



F M E A

Component	Mode		Comment	Output Voltage (V)
R235	Open		No Hazard.	AVR1:0
R241	Open		Output voltage decreased. No hazard.	AVR1:decreased
R251	Open		Normal operation.	AVR1:*
R502	Open		Normal operation.	AVR1:*
R503 (Only -5)	Open		Normal operation.	AVR1:*
R537 (Except:-5)	Open		Normal operation.	AVR1:*
R601	Open		Output voltage decreased. No hazard.	AVR1:decreased
R602	Open		No Hazard.	AVR1:0
R603 (Except:-5)	Open		Normal operation.	AVR1:*
R604	Open		Output voltage decreased. No hazard.	AVR1:decreased
R605	Open		No Hazard.	AVR1:0
R606	Open		No Hazard.	AVR1:0
R607	Open		No Hazard.	AVR1:0
R608	Open		No Hazard.	AVR1:0
R611	Open		No Hazard.	AVR1:0
R612 (Except:-5)	Open		Output voltage decreased. No hazard.	AVR1:decreased
R614 (Only -5)	Open		Normal operation.	AVR1:*
R701	Open		Normal operation.	AVR1:*
R702	Open		Normal operation.	AVR1:*
R703	Open		Normal operation.	AVR1:*
SS101	Open		No Hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
T201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0



F M E A

Component	Mode		Comment	Output Voltage (V)
T201	Open	4	See page 10.	
		5	See page 10.	
		7	See page 10.	
		8	No Hazard.	AVR1:0
		9	No Hazard.	AVR1:0
		10	See page 10.	
	Short	1-2	F101 opened, No hazard.	AVR1:0
		4-5	Output voltage decreased. No hazard.	AVR1:decreased
		8-9	Output voltage decreased. No hazard.	AVR1:decreased
TH101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
TR201	Open	D	See page 10.	
		S	See page 10.	
		G	See page 10.	
	Short	D-S	See page 10.	
		S-G	See page 10.	
		G-D	See page 10.	
TR211	Open	C	See page 10.	
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	Normal operation.	AVR1:*
		E-B	No Hazard.	AVR1:0
		B-C	Normal operation.	AVR1:*
VR601	Open	brush	Output voltage decreased. No hazard.	AVR1:decreased



F M E A

Component	Mode	Comment	Output Voltage (V)
VR601	Open	No Hazard.	AVR1:0
	Short	Output voltage increased. No hazard.	AVR1:increased
ZD701	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C204	Short		No Hazard.	AVR1:0
C205	Short		No Hazard.	AVR1:0
D201	Short		No Hazard.	AVR1:0
D212	Open		F101 opened, No hazard.	AVR1:0
D221	Open		Normal operation.	AVR1:*
D501	Open		Normal operation.	AVR1:*
D502	Open		Normal operation.	AVR1:*
L221	Open		Normal operation.	AVR1:*
T201	Open	4	Normal operation.	AVR1:*
		5	Normal operation.	AVR1:*
		7	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
TR201	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	F101 opened, No hazard.	AVR1:0
	Short	D-S	F101 opened, No hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	F101 opened, No hazard.	AVR1:0
TR211	Open	C	No Hazard.	AVR1:0