



## ABNORMAL TEST RESULT

### OF MODEL PJMA600F

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 : 2/29 ~ 27/29)

( Abnormal Test Result: 28/29 ~ 29/29)

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.	
	Short	No Hazard.	AVR1:0
C102	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C105	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C107	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C109	Open	No Hazard.	AVR1:0
	Short	See 28 Page.	
C111	Open	Normal operation.	
	Short	Normal operation.	
C112	Open	Normal operation.	
	Short	Normal operation.	
C113	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C114	Open	Normal operation.	
	Short	Normal operation.	
C115	Open	Normal operation.	
	Short	Normal operation.	
C116	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C117	Open	Normal operation.	
	Short	No Hazard.	AVR1:0



## F M E A

Component	Mode	Comment	Output Voltage (V)
C119	Open	Normal operation.	
	Short	Normal operation.	
C120	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C121	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C164	Open	Normal operation.	
	Short	Normal operation.	
C165	Open	Normal operation.	
	Short	Normal operation.	
C180	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C181	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C202	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C203	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C204	Open	No Hazard.	AVR1:0
	Short	No Hazard.	AVR1:0
C205	Open	Normal operation.	
	Short	Normal operation.	
C206	Open	Normal operation.	
	Short	No Hazard.	AVR1:0



## F M E A

Component	Mode	Comment	Output Voltage (V)
C207	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C211	Open	Normal operation.	
	Short	Normal operation.	
C213	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C215	Open	Normal operation.	
	Short	Normal operation.	
C250	Open	Normal operation.	
	Short	See 28 Page.	
C270	Open	Normal operation.	
	Short	See 28 Page.	
C280	Open	Normal operation.	
	Short	Normal operation.	
C281	Open	Normal operation.	
	Short	Normal operation.	
C282	Open	Normal operation.	
	Short	Normal operation.	
C283	Open	Normal operation.	
	Short	Normal operation.	
C501	Open	Normal operation.	
	Short	Normal operation.	
C502	Open	Normal operation.	
	Short	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
C505	Open	Normal operation.	
	Short	Normal operation.	
C506	Open	Normal operation.	
	Short	Normal operation.	
C507	Open	Normal operation.	
	Short	Normal operation.	
C508	Open	Normal operation.	
	Short	Normal operation.	
C510	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C511	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C512	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C513 (Only -12, -24)	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C515 (Only -12, -24)	Open	Normal operation.	
	Short	Normal operation.	
C516 (Only -12, -24)	Open	Normal operation.	
	Short	Normal operation.	
C517 (Only -12, -24)	Open	Normal operation.	
	Short	Normal operation.	
C518 (Only -12, -24)	Open	Normal operation.	
	Short	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
C522	Open	Normal operation.	
	Short	Normal operation.	
C523	Open	Normal operation.	
	Short	Normal operation.	
C601	Open	Normal operation.	
	Short	Normal operation.	
C604	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C606	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C607 (Only -36, -48)	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C608 (Only -36, -48)	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	AVR1:decreased
C702	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
C703	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D101	Open	Normal operation.	
	Short	Normal operation.	
D102	Open	Normal operation.	
	Short	Normal operation.	
D103	Open	Normal operation.	
	Short	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
D104	Open	Normal operation.	
	Short	Normal operation.	
D105	Open	Normal operation.	
	Short	Normal operation.	
D106	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D107	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D108	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D109	Open	Normal operation.	
	Short	Normal operation.	
D160	Open	Normal operation.	
	Short	Normal operation.	
D180	Open	No Hazard.	AVR1:0
	Short	Normal operation.	
D181	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
D201	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Output voltage decreased. No hazard.	AVR1:decreased
D202	Open	Output voltage decreased. No hazard.	AVR1:decreased
	Short	Normal operation.	
D205	Open	Normal operation.	
	Short	Normal operation.	



## F M E A

Component	Mode		Comment	Output Voltage (V)
D207	Open		Normal operation.	
	Short		Normal operation.	
D208	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
D210	Open		Normal operation.	
	Short		Normal operation.	
D250	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
D252	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
D253	Open		See 28 Page.	
	Short		Normal operation.	
D270	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
D272	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
D273	Open		See 28 Page.	
	Short		Normal operation.	
D701	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
D703	Open		Normal operation.	
	Short		No Hazard.	AVR1:0
FAN701	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0





F M E A

Component	Mode		Comment	Output Voltage (V)
FAN701	Short	1-2	No Hazard.	AVR1:0
IC101	Open	1	R180 opened, No hazard.	AVR1:0
		2	R180 opened, No hazard.	AVR1:0
		3	R180 opened, No hazard.	AVR1:0
		4	R180 opened, No hazard.	AVR1:0
		5	R180 opened, No hazard.	AVR1:0
		6	R180 opened, No hazard.	AVR1:0
		7	R180 opened, No hazard.	AVR1:0
		8	R180 opened, No hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	R180 opened, No hazard.	AVR1:0
		3-4	R180 opened, No hazard.	AVR1:0
		5-6	R180 opened, No hazard.	AVR1:0
		6-7	R180 opened, No hazard.	AVR1:0
		7-8	No Hazard.	AVR1:0
IC201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	Normal operation.	
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	Normal operation.	
		8	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0



## F M E A

Component	Mode		Comment	Output Voltage (V)
IC201	Short	2-3	No Hazard.	AVR1:0
		3-4	Normal operation.	
		5-6	No Hazard.	AVR1:0
		6-7	Normal operation.	
		7-8	No Hazard.	AVR1:0
IC601	Open	1	Normal operation.	
		2	Normal operation.	
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	
		2-3	No Hazard.	AVR1:0
		3-4	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
IC701	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	No Hazard.	AVR1:0
J201	Open		No Hazard.	AVR1:0
J501 (Only -12)	Open		Normal operation.	
J601 (Only -12, -24)	Open		No Hazard.	AVR1:0
J602	Open		No Hazard.	AVR1:0
J603	Open		No Hazard.	AVR1:0



## F M E A

Component	Mode		Comment	Output Voltage (V)
L101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	Normal operation.	
		3-4	No Hazard.	AVR1:0
L102	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0
		2-3	Normal operation.	
		3-4	No Hazard.	AVR1:0
L103	Open	1	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	Normal operation.	
		6	Normal operation.	
	Short	3-4	No Hazard.	AVR1:0
L507	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:0



## F M E A

Component	Mode		Comment	Output Voltage (V)
L507	Short	3-4	No Hazard.	AVR1:0
L701	Open		No Hazard.	AVR1:0
L702	Open		No Hazard.	AVR1:0
LED501	Open		Normal operation.	
	Short		Normal operation.	
PC201	Open	A, K	No Hazard.	AVR1:0
		C, E	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		C-E	No Hazard.	AVR1:0
PC202	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	No Hazard.	AVR1:0
PTH201	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
PTH202	Open		No Hazard.	AVR1:0
	Short		Normal operation.	
R101	Open		Normal operation.	
R102	Open		Normal operation.	
R103	Open		Normal operation.	
R104	Open		Normal operation.	
R105	Open		Normal operation.	
R106	Open		Normal operation.	
R107	Open		Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R108	Open	No Hazard.	AVR1:0
R109	Open	No Hazard.	AVR1:0
R110	Open	No Hazard.	AVR1:0
R111	Open	No Hazard.	AVR1:0
R112	Open	No Hazard.	AVR1:0
R113	Open	Normal operation.	
R114	Open	Normal operation.	
R115	Open	Normal operation.	
R116	Open	Normal operation.	
R117	Open	Normal operation.	
R118	Open	Normal operation.	
R119	Open	Normal operation.	
R120	Open	Normal operation.	
R123	Open	Normal operation.	
R124	Open	Normal operation.	
R125	Open	Normal operation.	
R126	Open	Normal operation.	
R127	Open	Normal operation.	
R128	Open	Normal operation.	
R129	Open	Normal operation.	
R130	Open	Normal operation.	
R132	Open	No Hazard.	AVR1:0
R133	Open	No Hazard.	AVR1:0
R135	Open	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R136	Open	No Hazard.	AVR1:0
R137	Open	Normal operation.	
R138	Open	Normal operation.	
R139	Open	Normal operation.	
R140	Open	Normal operation.	
R141	Open	Normal operation.	
R142	Open	Normal operation.	
R143	Open	Normal operation.	
R144	Open	No Hazard.	AVR1:0
R145	Open	No Hazard.	AVR1:0
R146	Open	Normal operation.	
R148	Open	Normal operation.	
R149	Open	No Hazard.	AVR1:0
R150	Open	No Hazard.	AVR1:0
R151	Open	No Hazard.	AVR1:0
R152	Open	No Hazard.	AVR1:0
R153	Open	No Hazard.	AVR1:0
R154	Open	No Hazard.	AVR1:0
R156	Open	Normal operation.	
R162	Open	Normal operation.	
R163	Open	Normal operation.	
R164	Open	Normal operation.	
R165	Open	Normal operation.	
R166	Open	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R167	Open	Normal operation.	
R180	Open	Normal operation.	
R181	Open	Normal operation.	
R182	Open	Normal operation.	
R183	Open	Normal operation.	
R184	Open	Normal operation.	
R185	Open	Normal operation.	
R186	Open	Normal operation.	
R187	Open	Normal operation.	
R190	Open	Normal operation.	
R191	Open	Normal operation.	
R192	Open	Normal operation.	
R201	Open	Normal operation.	
R202	Open	Normal operation.	
R203	Open	Normal operation.	
R204	Open	Normal operation.	
R205	Open	Normal operation.	
R206	Open	Normal operation.	
R207	Open	Normal operation.	
R211	Open	Normal operation.	
R212	Open	Normal operation.	
R213	Open	Normal operation.	
R214	Open	Normal operation.	
R215	Open	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R220	Open	No Hazard.	AVR1:0
R221	Open	No Hazard.	AVR1:0
R224	Open	Normal operation.	
R225	Open	Output voltage decreased. No hazard.	AVR1:decreased
R227	Open	Normal operation.	
R228	Open	Normal operation.	
R229	Open	Normal operation.	
R230	Open	Normal operation.	
R231	Open	Normal operation.	
R232	Open	Normal operation.	
R233	Open	Normal operation.	
R234	Open	Normal operation.	
R235	Open	No Hazard.	AVR1:0
R236	Open	Normal operation.	
R237	Open	Normal operation.	
R239	Open	Normal operation.	
R250	Open	No Hazard.	AVR1:0
R251	Open	See 28 Page.	
R252	Open	Normal operation.	
R253	Open	No Hazard.	AVR1:0
R254	Open	Normal operation.	
R255	Open	Normal operation.	
R270	Open	No Hazard.	AVR1:0
R271	Open	See 28 Page.	





## F M E A

Component	Mode	Comment	Output Voltage (V)
R272	Open	Normal operation.	
R273	Open	No Hazard.	AVR1:0
R274	Open	Normal operation.	
R275	Open	Normal operation.	
R280	Open	Normal operation.	
R281	Open	Normal operation.	
R282	Open	Normal operation.	
R283	Open	Normal operation.	
R284	Open	Normal operation.	
R285	Open	Normal operation.	
R286	Open	Normal operation.	
R287	Open	Normal operation.	
R501	Open	Normal operation.	
R502	Open	Normal operation.	
R503	Open	Normal operation.	
R504	Open	Normal operation.	
R505	Open	Normal operation.	
R506	Open	Normal operation.	
R507	Open	Normal operation.	
R508	Open	Normal operation.	
R509	Open	Normal operation.	
R510	Open	Normal operation.	
R511	Open	Normal operation.	
R512	Open	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R513	Open	Normal operation.	
R514	Open	Normal operation.	
R515	Open	Normal operation.	
R516	Open	Normal operation.	
R517	Open	Normal operation.	
R518	Open	Normal operation.	
R520	Open	Normal operation.	
R521	Open	Normal operation.	
R522	Open	Normal operation.	
R523	Open	Normal operation.	
R524	Open	Normal operation.	
R525	Open	Normal operation.	
R526	Open	Normal operation.	
R527	Open	Normal operation.	
R528	Open	Normal operation.	
R529	Open	Normal operation.	
R530	Open	Normal operation.	
R531	Open	Normal operation.	
R532	Open	Normal operation.	
R533	Open	Normal operation.	
R534 (Except -36)	Open	Normal operation.	
R535	Open	Normal operation.	
R536	Open	Normal operation.	
R537	Open	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R538	Open	Normal operation.	
R539 (Except -36)	Open	Normal operation.	
R540	Open	Normal operation.	
R541	Open	Normal operation.	
R542	Open	Normal operation.	
R543	Open	Normal operation.	
R544 (Except -36)	Open	Normal operation.	
R545	Open	Normal operation.	
R546	Open	Normal operation.	
R547	Open	Normal operation.	
R548	Open	Normal operation.	
R549 (Except -36)	Open	Normal operation.	
R550	Open	Normal operation.	
R551	Open	Normal operation.	
R552	Open	Normal operation.	
R553	Open	Normal operation.	
R554	Open	Normal operation.	
R555	Open	Normal operation.	
R556	Open	Normal operation.	
R557	Open	Normal operation.	
R558	Open	Normal operation.	
R559	Open	Normal operation.	
R560	Open	Normal operation.	
R561	Open	Normal operation.	



## F M E A

Component	Mode	Comment	Output Voltage (V)
R562	Open	Normal operation.	
R563	Open	Normal operation.	
R564	Open	Normal operation.	
R565	Open	Normal operation.	
R566	Open	Normal operation.	
R567	Open	Normal operation.	
R568 (Only -24, -36)	Open	Normal operation.	
R569 (Only -24, -36)	Open	Normal operation.	
R570 (Only -36)	Open	Normal operation.	
R571 (Only -36)	Open	Normal operation.	
R572 (Only -36)	Open	Normal operation.	
R573 (Only -36)	Open	Normal operation.	
R580	Open	Normal operation.	
R581	Open	Normal operation.	
R582	Open	Normal operation.	
R583	Open	Normal operation.	
R601	Open	Normal operation.	
R602	Open	Normal operation.	
R603	Open	Normal operation.	
R604	Open	Normal operation.	
R605	Open	Normal operation.	
R606	Open	No Hazard.	AVR1:0
R607	Open	No Hazard.	AVR1:0
R608	Open	Output voltage decreased. No hazard.	AVR1:decreased



## F M E A

Component	Mode		Comment	Output Voltage (V)
R609	Open		Output voltage decreased. No hazard.	AVR1:decreased
R610 (Only -36, -48)	Open		Normal operation.	
R703	Open		Normal operation.	
R704	Open		Normal operation.	
R705	Open		Normal operation.	
R706	Open		Normal operation.	
R707	Open		Normal operation.	
R708	Open		Normal operation.	
R709	Open		Normal operation.	
R710	Open		Normal operation.	
R711	Open		Normal operation.	
R712	Open		Normal operation.	
R713	Open		Normal operation.	
SCR101	Open	A	No Hazard.	AVR1:0
		K	No Hazard.	AVR1:0
		G	No Hazard.	AVR1:0
	Short	A-K	Normal operation.	
		A-G	Normal operation.	
		K-G	No Hazard.	AVR1:0
SS101	Open		No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
SS102	Open	A	See 28 Page.	
		K	See 28 Page.	
	Short		No Hazard.	AVR1:0



## F M E A

Component	Mode		Comment	Output Voltage (V)
SS501	Open	A	See 28 Page.	
		K	No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
SS502	Open	A	See 28 Page.	
		K	See 28 Page.	
	Short		No Hazard.	AVR1:0
SS503	Open	A	See 28 Page.	
		K	See 28 Page.	
	Short		No Hazard.	AVR1:0
T201	Open	1	Output voltage decreased. No hazard.	AVR1:decreased
		2	Output voltage decreased. No hazard.	AVR1:decreased
		4	Normal operation.	
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
	Short	1-2	Output voltage decreased. No hazard.	AVR1:decreased
		4-5	Normal operation.	
		5-6	No Hazard.	AVR1:0
T203	Open	1	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	No Hazard.	AVR1:0
		9	No Hazard.	AVR1:0
		10	No Hazard.	AVR1:0
	Short	6-7	No Hazard.	AVR1:0



## F M E A

Component	Mode		Comment	Output Voltage (V)
T203	Short	9-10	No Hazard.	AVR1:0
TR101	Open	D	Normal operation.	
		S	Normal operation.	
		G	Normal operation.	
	Short	D-S	Normal operation.	
		S-G	Normal operation.	
		G-D	Normal operation.	
TR102	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	See 28 Page.	
	Short	D-S	See 28 Page.	
		S-G	See 28 Page.	
		G-D	See 28 Page.	
TR104	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	See 28 Page.	
		E-B	Normal operation.	
		B-C	See 28 Page.	
TR105	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	



## F M E A

Component	Mode		Comment	Output Voltage (V)
TR105	Short	B-C	No Hazard.	AVR1:0
TR106	Open	D	Normal operation.	
		S	Normal operation.	
		G	Normal operation.	
	Short	D-S	Normal operation.	
		S-G	Normal operation.	
		G-D	Normal operation.	
TR108	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR201	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	See 28 Page.	
	Short	D-S	See 28 Page.	
		S-G	See 28 Page.	
		G-D	See 28 Page.	
TR202	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0
		G	See 29 Page.	
	Short	D-S	See 29 Page.	
		S-G	See 29 Page.	





## F M E A

Component	Mode		Comment	Output Voltage (V)
TR202	Short	G-D	See 29 Page.	
TR203	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	See 29 Page.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR204	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR205	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
TR250	Open	C	See 29 Page.	
		E	See 29 Page.	
		B	See 29 Page.	
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	



## F M E A

Component	Mode		Comment	Output Voltage (V)
TR250	Short	B-C	No Hazard.	AVR1:0
TR270	Open	C	See 29 Page.	
		E	See 29 Page.	
		B	See 29 Page.	
	Short	C-E	No Hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No Hazard.	AVR1:0
VR601	Open	brush	No Hazard.	AVR1:0
			No Hazard.	AVR1:0
	Short		No Hazard.	AVR1:0
ZD101	Open		Normal operation.	
	Short		Normal operation.	
ZD102	Open		Normal operation.	
	Short		Normal operation.	
ZD103	Open		Normal operation.	
	Short		Normal operation.	
ZD104	Open		Normal operation.	
	Short		Normal operation.	
ZD105	Open		Normal operation.	
	Short		Normal operation.	
ZD203	Open		Normal operation.	
	Short		Normal operation.	
ZD501	Open		Normal operation.	
	Short		No Hazard.	AVR1:0



F M E A

Component	Mode	Comment	Output Voltage (V)
ZD502 (Only -24, -36, -48)	Open	Normal operation.	
	Short	No Hazard.	AVR1:0
ZD601 (Only -36, -48)	Open	No Hazard.	AVR1:0
	Short	Normal operation.	



## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C109	Short		No Hazard.	AVR1:0
C250	Short		Normal operation.	
C270	Short		Normal operation.	
D253	Open		No Hazard.	AVR1:0
D273	Open		No Hazard.	AVR1:0
R251	Open		No Hazard.	AVR1:0
R271	Open		No Hazard.	AVR1:0
SS102	Open	A	Normal operation.	AVR1:0
		K	Normal operation.	AVR1:0
SS501	Open	A	No Hazard.	AVR1:0
SS502	Open	A	Normal operation.	AVR1:0
		K	Normal operation.	AVR1:0
SS503	Open	A	Normal operation.	AVR1:0
		K	Normal operation.	AVR1:0
TR102	Open	G	No Hazard.	AVR1:0
		D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
	Short	G-D	No Hazard.	AVR1:0
TR104	Short	C-E	No Hazard.	AVR1:0
		B-C	Normal operation.	
TR201	Open	G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR202	Open	G	No Hazard.	AVR1:0
	Short	D-S	No Hazard.	AVR1:0
		S-G	No Hazard.	AVR1:0
		G-D	No Hazard.	AVR1:0
TR203	Short	C-E	No Hazard.	AVR1:0
TR250	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0
TR270	Open	C	No Hazard.	AVR1:0
		E	No Hazard.	AVR1:0
		B	No Hazard.	AVR1:0