

ABNORMAL TEST RESULT

OF MODEL PAA600F

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 (1/40 ~ 40/40).

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.

* Individual parts



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Component	Mode	Comment	Output Voltage (V)
C101	Open	Normal operation.	
	Short	F101 opened, No hazard.	0V
C103	Open	Normal operation.	
	Short	F101 opened, No hazard.	0V
C106	Open	Normal operation.	
	Short	Normal operation.	
C107	Open	Normal operation.	
	Short	Normal operation.	
C110	Open	Normal operation.	
	Short	No hazard.	0V
C111	Open	Normal operation.	
	Short	No hazard.	0V
C123	Open	Normal operation.	
	Short	F101 opened, No hazard.	0V
C126	Open	Normal operation.	
	Short	No hazard.	0V
C201	Open	Normal operation.	
	Short	No hazard.	0V



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Component	Mode	Comment	Output Voltage (V)
C202	Open	Normal operation.	
	Short	No hazard.	0V
C205	Open	Normal operation.	
	Short	No hazard.	0V
C207	Open	No hazard.	0V
	Short	No hazard.	0V
C208	Open	No hazard.	0V
	Short	Normal operation.	
C209	Open	Normal operation.	
	Short	Normal operation.	
C210	Open	Normal operation.	
	Short	No hazard.	0V
C211	Open	Normal operation.	
	Short	No hazard.	0V
C221	Open	Normal operation.	
	Short	Normal operation.	
C223	Open	Normal operation.	
	Short	No hazard.	0V



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Component	Mode	Comment	Output Voltage (V)
C224	Open	Normal operation.	
	Short	No hazard.	0V
C301	Open	Normal operation.	
	Short	F301 opened, No hazard.	0V
C302	Open	F301 opened, No hazard.	0V
	Short	Normal operation.	
C303	Open	Normal operation.	
	Short	Normal operation.	
C304	Open	Normal operation.	
	Short	No hazard.	0V
C401	Open	Normal operation.	
	Short	No hazard.	0V
C402	Open	Normal operation.	
	Short	No hazard.	0V
C403	Open	Normal operation.	
	Short	Normal operation.	
C404	Open	No hazard.	0V
	Short	Normal operation.	



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Component	Mode	Comment	Output Voltage (V)
C405	Open	Normal operation.	
	Short	No hazard.	0V
C406	Open	Normal operation.	
	Short	Normal operation.	
C407	Open	Normal operation.	
	Short	Normal operation.	
C408	Open	Normal operation.	
	Short	No hazard.	0V
C409	Open	Normal operation.	
	Short	No hazard.	0V
C410	Open	Output voltage decreased. No hazard.	
	Short	Normal operation.	
C411	Open	Normal operation.	
	Short	Normal operation.	
C412	Open	Normal operation.	
	Short	Normal operation.	
C413	Open	Normal operation.	
	Short	Normal operation.	



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Component	Mode	Comment	Output Voltage (V)
C501	Open	Normal operation.	
	Short	No hazard.	0V
C503	Open	Normal operation.	
	Short	No hazard.	0V
C504	Open	Normal operation.	
	Short	No hazard.	0V
C505	Open	Normal operation.	
	Short	No hazard.	0V
C506	Open	Normal operation.	
	Short	No hazard.	0V
C507	Open	Normal operation.	
	Short	No hazard.	0V
C508	Open	Normal operation.	
	Short	No hazard.	0V
C509	Open	Normal operation.	
	Short	No hazard.	0V
C510	Open	Normal operation.	
	Short	No hazard.	0V



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Component	Mode	Comment	Output Voltage (V)
C511	Open	Normal operation.	
	Short	Normal operation.	
C512	Open	Normal operation.	
	Short	Normal operation.	
C515	Open	Normal operation.	
	Short	No hazard.	0V
C522	Open	Normal operation.	
	Short	Normal operation.	
C523	Open	Normal operation.	*5V
	Short	Normal operation.	*5V
C524	Open	Normal operation.	*15V
	Short	Normal operation.	*15V
C602	Open	Normal operation.	
	Short	F301 opened, No hazard.	0V
C603	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	
C604	Open	Normal operation.	
	Short	F301 opened, No hazard.	0V



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Component	Mode	Comment	Output Voltage (V)
C605	Open	Normal operation.	
	Short	Normal operation.	
C606	Open	Normal operation.	
	Short	Normal operation.	
C608	Open	Normal operation.	
	Short	Output voltage increased.	
C609	Open	Normal operation.	
	Short	Normal operation.	
C610	Open	Normal operation.	
	Short	No hazard.	0V
C611	Open	Normal operation.	
	Short	Normal operation.	
C612	Open	Output voltage decreased. No hazard.	
	Short	Normal operation.	
C613	Open	Output voltage decreased. No hazard.	
	Short	No hazard.	
C614	Open	Normal operation.	
	Short	Output voltage decreased. No hazard.	



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Component	Mode	Comment	Output Voltage (V)
C617	Open	Normal operation.	
	Short	No hazard.	0V
C618	Open	Normal operation.	
	Short	Normal operation.	
C701	Open	Normal operation.	
	Short	F301 opened, No hazard.	0V
C702	Open	Normal operation.	
	Short	No hazard.	0V
C703	Open	Normal operation.	
	Short	Normal operation.	
C704	Open	Normal operation.	
	Short	Normal operation.	
C705	Open	Normal operation.	
	Short	No hazard.	0V
D101	Open	No hazard.	0V
	Short	Normal operation.	
D102	Open	No hazard.	0V
	Short	No hazard.	0V



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Component	Mode	Comment	Output Voltage (V)
D103	Open	No hazard.	0V
	Short	No hazard.	0V
D201	Open	Normal operation.	
	Short	No hazard.	0V
D202	Open	Normal operation.	
	Short	No hazard.	0V
D211	Open	Normal operation.	
	Short	Normal operation.	
D212	Open	Normal operation.	
	Short	Normal operation.	
D303	Open	Normal operation.	
	Short	No hazard.	0V
D304	Open	No hazard.	0V
	Short	F301 opened, No hazard.	0V
D402	Open	Normal operation.	
	Short	Normal operation.	
D404	Open	Normal operation.	
	Short	Normal operation.	



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Component	Mode	Comment	Output Voltage (V)
D405	Open	Normal operation.	
	Short	Normal operation.	
D413	Open	Normal operation.	
	Short	Normal operation.	
D414	Open	Normal operation.	
	Short	Normal operation.	
D415	Open	Normal operation.	
	Short	Normal operation.	
D601	Open	No hazard.	0V
	Short	F301 opened, No hazard.	0V
D602	Open	Normal operation.	
	Short	Normal operation.	
D603	Open	Output voltage decreased. No hazard.	
	Short	Output voltage decreased. No hazard.	



		ABNORMAL TEST RESULT		PAA600F
Component	Mode	Comment		Output Voltage (V)
D604	Open	Normal operation.		
	Short	Output voltage decreased. No hazard.		
D606	Open	No hazard.		0V
	Short	Normal operation.		
D607	Open	Normal operation.		
	Short	Normal operation.		
D701	Open	No hazard.		0V
	Short	F301 opened, No hazard.		0V
D702	Open	Normal operation.		
	Short	No hazard.		0V
F101	Open	No hazard.		0V
	Short	Normal operation.		
F301	Open	No hazard.		0V
	Short	Normal operation.		
FAN701	Open	1	No hazard.	0V
	Open	2	No hazard.	0V
	Open	3	No hazard.	0V
	Short	1-2	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
FAN701	Short	2-3	Normal operation.	
IC201	Open	1	Normal operation.	
	Open	2	Normal operation.	
	Open	3	No hazard.	0V
	Open	4	Normal operation.	
	Open	5	No hazard.	0V
	Open	6	No hazard.	0V
	Open	7	No hazard.	0V
	Open	8	No hazard.	0V
	Open	9	No hazard.	0V
	Open	10	No hazard.	0V
	Open	11	Normal operation.	
	Open	12	No hazard.	0V
	Open	13	No hazard.	0V
	Open	14	Normal operation.	
	Open	15	No hazard.	0V
	Open	16	No hazard.	0V
	Short	1-2	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
IC201	Short	2-3	Normal operation.	
	Short	3-4	Normal operation.	
	Short	4-5	No hazard.	0V
	Short	5-6	No hazard.	0V
	Short	6-7	Normal operation.	
	Short	7-8	No hazard.	0V
	Short	9-10	Normal operation.	
	Short	10-11	Normal operation.	
	Short	11-12	Normal operation.	
	Short	12-13	No hazard.	0V
	Open	13-14	Normal operation.	
	Short	14-15	Normal operation.	
	Short	15-16	No hazard.	0V
	IC202	Open	K	No hazard.
Open		A	No hazard.	0V
Open		R	No hazard.	0V
Short		K-R	Normal operation.	
Short		R-A	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
IC202	Short	A-K	Normal operation.	
IC401	Open	1	No hazard.	0V
	Open	2	No hazard.	0V
	Open	3	No hazard.	0V
	Open	4	Normal operation.	
	Open	5	No hazard.	0V
	Short	1-2	Normal operation.	
	Short	2-3	No hazard.	0V
	Short	3-4	No hazard.	0V
IC402	Short	4-5	Normal operation.	
	Open	1	No hazard.	0V
	Open	2	No hazard.	0V
	Open	3	No hazard.	0V
	Open	4	Normal operation.	
	Open	5	Normal operation.	
	Open	6	Normal operation.	
	Open	7	No hazard.	0V
	Open	8	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
IC402	Open	9	No hazard.	0V
	Open	10	No hazard.	0V
	Open	11	No hazard.	0V
	Open	12	No hazard.	0V
	Open	13	No hazard.	0V
	Open	14	Normal operation.	
	Open	15	Normal operation.	
	Open	16	Normal operation.	
	Open	17	No hazard.	0V
	Open	18	Normal operation.	
	Open	19	Normal operation.	
	Open	20	No hazard.	0V
	Short	1-2	Normal operation.	
	Short	2-3	No hazard.	0V
	Short	3-4	Normal operation.	
	Short	4-5	Normal operation.	
	Short	5-6	Normal operation.	
	Short	6-7	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
IC402	Short	7-8	Normal operation.	
	Short	8-9	Normal operation.	
	Short	9-10	No hazard.	0V
	Short	11-12	No hazard.	0V
	Short	12-13	No hazard.	0V
	Short	13-14	No hazard.	0V
	Short	14-15	Normal operation.	
	Short	15-16	Normal operation.	
	Short	15-16	Normal operation.	
	Short	16-17	Normal operation.	
	Short	17-18	Normal operation.	
	Short	18-19	Normal operation.	
	Short	19-20	No hazard.	0V
	IC601	Open	1	No hazard.
Open		2	No hazard.	0V
Open		3	No hazard.	0V
Open		4	No hazard.	0V
Open		5	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
IC601	Open	6	Normal operation.	
	Open	7	Normal operation.	
	Open	8	No hazard.	0V
	Short	1-2	No hazard.	0V
	Short	2-3	No hazard.	0V
	Short	3-4	No hazard.	0V
	Short	5-6	Normal operation.	
	Short	6-7	Normal operation.	
	Short	7-8	Normal operation.	
IC603	Open	K	No hazard.	0V
	Open	A	No hazard.	0V
	Open	R	No hazard.	0V
	Short	K-R	No hazard.	0V
	Short	R-A	No hazard.	0V
	Short	A-K	No hazard.	0V
IC604	Open	K	No hazard.	0V
	Open	A	No hazard.	0V
	Open	R	No hazard.	0V



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Component	Mode	Comment		Output Voltage (V)
IC604	Short	K-R	Output voltage decreased	
	Short	R-A	Output voltage increased	
	Short	A-K	Output voltage decreased	
IC701	Open	1	No hazard.	0V
	Open	2	Normal operation.	
	Open	3	No hazard.	0V
	Short	1-2	F301 opened, No hazard	0V
	Short	2-3	No hazard.	0V
	Short	3-1	Normal operation.	
L101	Open	No hazard.		0V
	Short	F101 opened, No hazard		0V
L102	Open	No hazard.		0V
	Short	F101 opened, No hazard		0V
L201	Open	4, 5	No hazard.	0V
	Open	2	No hazard.	0V
	Short	4, 5-8, 9	No hazard.	0V
	Short	2, 3	No hazard.	0V
L202	Open	No hazard.		0V



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Component	Mode	Comment	Output Voltage (V)
L501	Open	Normal operation.	*12, 15, 24V
L502	Open	Normal operation.	
L503	Open	Normal operation.	*12, 15, 24V
L504	Open	Normal operation.	
L507	Open	Normal operation.	*12, 15, 24V
L508	Open	Normal operation.	
L509	Open	Normal operation.	*12, 15, 24V
L510	Open	Normal operation.	
L511	Open	Normal operation.	*12, 15V
L512	Open	Normal operation.	*12, 15, 24V
L513	Open	Normal operation.	*12, 15V
L514	Open	Normal operation.	*12, 15, 24V
L517	Open	F101 opened, No hazard	0V
	Short	No hazard.	0V
L518	Open	Normal operation.	
LED501	Open	Normal operation.	
	Short	Normal operation.	
PC401	Open	LED A, K	No hazard.
			0V



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Component	Mode	Comment		Output Voltage (V)
PC401	Open	TR C, E	No hazard.	0V
	Short	LED A, K	No hazard.	0V
	Short	TR C, E	Normal operation.	
PC402	Open	LED A, K	Normal operation.	
	Open	TR C, E	Normal operation.	
	Short	LED A, K	Normal operation.	
	Short	TR C, E	No hazard.	0V
PC403	Open	LED A, K	No hazard.	0V
	Open	TR C, E	No hazard.	0V
	Short	LED A, K	No hazard.	0V
	Short	TR C, E	No hazard.	0V
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	No hazard.		0V

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Component	Mode	Comment	Output Voltage (V)
R111	Open	No hazard.	0V
R112	Open	Normal operation.	
R113	Open	Normal operation.	
R114	Open	No hazard.	0V
R115	Open	No hazard.	0V
R116	Open	No hazard.	0V
R117	Open	No hazard.	0V
R205	Open	No hazard.	0V
R208	Open	No hazard.	0V
R209	Open	No hazard.	0V
R210	Open	Normal operation.	
R211	Open	Normal operation.	
R213	Open	No hazard.	0V
R214	Open	No hazard.	0V
R223	Open	No hazard.	0V
R224	Open	No hazard.	0V
R225	Open	No hazard.	0V
R226	Open	No hazard.	0V



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Component	Mode	Comment	Output Voltage (V)
R227	Open	No hazard.	0V
R228	Open	Normal operation.	
R231	Open	No hazard.	0V
R232	Open	Normal operation.	
R233	Open	Normal operation.	
R234	Open	Normal operation.	
R235	Open	Normal operation.	
R236	Open	Normal operation.	
R237	Open	Normal operation.	
R238	Open	Normal operation.	
R239	Open	Normal operation.	
R240	Open	Normal operation.	
R241	Open	No hazard.	0V
R243	Open	Normal operation.	
R244	Open	Normal operation.	
R245	Open	Normal operation.	
R246	Open	Normal operation.	
R247	Open	Normal operation.	

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Component	Mode	Comment	Output Voltage (V)
R248	Open	No hazard.	0V
R250	Open	Normal operation.	
R251	Open	Normal operation.	
R252	Open	Normal operation.	
R261	Open	No hazard.	0V
R262	Open	No hazard.	0V
R263	Open	No hazard.	0V
R264	Open	Normal operation.	
R265	Open	Normal operation.	
R266	Open	No hazard.	0V
R267	Open	Normal operation.	
R268	Open	Normal operation.	
R270	Open	No hazard.	0V
R271	Open	Normal operation.	
R272	Open	No hazard.	0V
R273	Open	No hazard.	0V
R274	Open	Normal operation.	
R276	Open	Normal operation.	



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Component	Mode	Comment	Output Voltage (V)
R277	Open	Normal operation.	
R278	Open	Normal operation.	
R279	Open	Normal operation.	
R280	Open	Normal operation.	
R281	Open	Normal operation.	
R282	Open	Normal operation.	
R301	Open	Normal operation.	
R302	Open	Normal operation.	
R303	Open	Normal operation.	
R304	Open	Normal operation.	
R305	Open	Normal operation.	
R306	Open	Normal operation.	
R307	Open	Normal operation.	
R308	Open	F301 opened, No hazard.	0V
R309	Open	Normal operation.	
R311	Open	Normal operation.	
R312	Open	Normal operation.	
R313	Open	F301 opened, No hazard.	0V



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Component	Mode	Comment	Output Voltage (V)
R314	Open	Normal operation.	
R315	Open	Normal operation.	
R317	Open	F301 opened, No hazard.	0V
R401	Open	No hazard.	0V
R402	Open	No hazard.	0V
R403	Open	No hazard.	0V
R404	Open	No hazard.	0V
R405	Open	No hazard.	0V
R406	Open	Normal operation.	
R407	Open	No hazard.	0V
R408	Open	Normal operation.	
R409	Open	Normal operation.	
R410	Open	No hazard.	0V
R411	Open	Normal operation.	
R412	Open	No hazard.	0V
R414	Open	No hazard.	0V
R415	Open	No hazard.	0V
R416	Open	Normal operation.	



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Component	Mode	Comment	Output Voltage (V)
R417	Open	Normal operation.	*15V
R420	Open	Normal operation.	
R421	Open	Normal operation.	
R423	Open	No hazard.	0V
R424	Open	Normal operation.	
R426	Open	Normal operation.	
R427	Open	Normal operation.	
R428	Open	Normal operation.	
R429	Open	Normal operation.	
R431	Open	Normal operation.	
R443	Open	No hazard.	0V
R444	Open	No hazard.	0V
R445	Open	No hazard.	0V
R446	Open	Normal operation.	
R447	Open	Normal operation.	
R448	Open	Normal operation.	
R449	Open	Normal operation.	
R450	Open	Normal operation.	



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Component	Mode	Comment	Output Voltage (V)
R452	Open	Normal operation.	
R501	Open	Normal operation.	
R503	Open	Normal operation.	
R505	Open	Normal operation.	
R506	Open	Normal operation.	
R507	Open	Normal operation.	
R508	Open	Normal operation.	
R514	Open	Normal operation.	*5, 12, 15V
R515	Open	Normal operation.	
R516	Open	Normal operation.	
R531	Open	Normal operation.	
R532	Open	Normal operation.	
R533	Open	Normal operation.	
R534	Open	Normal operation.	
R535	Open	Normal operation.	
R536	Open	Normal operation.	
R540	Open	Normal operation.	*24V
R545	Open	Normal operation.	



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Component	Mode	Comment	Output Voltage (V)
R546	Open	Normal operation.	
R547	Open	Normal operation.	
R548	Open	Normal operation.	
R607	Open	No hazard.	0V
R608	Open	Normal operation.	
R612	Open	Normal operation.	*5, 15V
R614	Open	No hazard.	*12, 15, 24V
R615	Open	No hazard.	0V
R617	Open	No hazard.	0V *5V
R618	Open	No hazard.	0V *12, 15, 24V
R619	Open	Normal operation.	
R620	Open	No hazard.	0V
R621	Open	No hazard.	0V
R622	Open	No hazard.	0V
R623	Open	No hazard.	0V
R624	Open	No hazard.	0V
R626	Open	Normal operation.	
R627	Open	No hazard.	0V

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Component	Mode	Comment	Output Voltage (V)
R628	Open	No hazard.	0V
R629	Open	Output voltage decreased No hazard.	
R630	Open	No hazard.	0V
R631	Open	No hazard.	0V
R632	Open	No hazard.	0V
R633	Open	No hazard.	0V
R634	Open	Output voltage decreased No hazard.	
R635	Open	Normal operation.	
R636	Open	Normal operation.	
R637	Open	Normal operation.	
R638	Open	Normal operation.	
R639	Open	Normal operation.	
R701	Open	Normal operation.	
R702	Open	No hazard.	0V
R703	Open	No hazard.	0V
R704	Open	No hazard.	0V
R705	Open	No hazard.	0V
R706	Open	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
R707	Open	Normal operation.		
R708	Open	Normal operation.		
R709	Open	Normal operation.		
R716	Open	No hazard.		0V
SCR101	Open	A	No hazard.	0V
	Open	K	No hazard.	0V
	Open	G	No hazard.	0V
	Short	A-K	Normal operation.	
	Short	K-G	No hazard.	0V
	Short	G-A	Normal operation.	
SS101	Open	No hazard.		0V
	Short	F101 opened, No hazard		0V
SS201	Open	1	Normal operation.	
	Open	2	No hazard.	0V
	Short	A-K	Normal operation.	
SS202	Open	1	Normal operation.	
	Open	2	No hazard.	0V
	Short	A-K	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
SS501	Open	Normal operation.		
	Short	No hazard.		0V
SS502	Open	Normal operation.		
	Short	No hazard.		0V
SS503	Open	Normal operation.		
	Short	No hazard.		0V
SS504	Open	Normal operation.		
	Short	No hazard.		0V
SS505	Open	Normal operation.		
	Short	No hazard.		0V
SS506	Open	Normal operation.		
	Short	No hazard.		0V
T202	Open	1, 2	No hazard.	0V
	Open	3, 4	Normal operation.	
	Short	1-2	Normal operation.	
	Short	3-4	Normal operation.	
T203	Open	1, 2	No hazard.	0V
	Open	3, 4	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
T203	Short	1-2	Normal operation.	
	Short	3-4	Normal operation.	
	Open	5, 6	No hazard.	0V
T301	Open	1, 2	No hazard.	0V
	Open	2, 3	No hazard.	0V
	Open	8, 9	No hazard.	0V
	Open	10, 11	No hazard.	0V
	Short	5-6	F301 opened, No hazard	0V
	Short	1-2	F301 opened, No hazard	0V
	Short	2-3	F301 opened, No hazard	0V
	Short	8-9	F301 opened, No hazard	0V
T401	Open	1, 2	No hazard.	0V
	Open	3, 4	Normal operation.	
	Short	1-2	Normal operation.	
	Short	3-4	Normal operation.	
	Open	1, 2	No hazard.	0V
	Open	5, 6	Normal operation.	



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Component	Mode	Comment		Output Voltage (V)
T402	Open	A, B	No hazard.	0V
	Open	11, 12	Normal operation.	
	Short	1-2	No hazard.	0V
	Short	5-6	No hazard.	0V
	Short	A-B	No hazard.	0V
	Short	11-12	No hazard.	0V
THSW401	Open	Normal operation.		
	Short	No hazard.		0V
TR201	Open	D	Normal operation.	
	Open	S	Normal operation.	
	Open	G	No hazard.	0V
	Short	D-S	No hazard.	0V
	Short	S-G	Normal operation.	
	Short	G-D	No hazard.	0V
TR211	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	Normal operation.	



ABNORMAL TEST RESULT

PAA600F

Component	Mode	Comment		Output Voltage (V)
TR211	Short	E-B	No hazard.	0V
	Short	B-C	Normal operation.	
TR212	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	No hazard.	0V
	Short	E-B	No hazard.	0V
	Short	B-C	No hazard.	0V
TR213	Open	D	Normal operation.	
	Open	S	Normal operation.	
	Open	G	No hazard.	0V
	Short	D-S	No hazard.	0V
	Short	S-G	Normal operation.	
	Short	G-D	No hazard.	0V
TR214	Open	D	Normal operation.	
	Open	S	Normal operation.	
	Open	G	No hazard.	0V
	Short	D-S	No hazard.	0V



ABNORMAL TEST RESULT

PAA600F

Component	Mode		Comment	Output Voltage (V)
	Short	S-G	Normal operation.	
	Short	G-D	No hazard.	0V
TR215	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	Normal operation.	
	Short	E-B	No hazard.	0V
	Short	B-C	Normal operation.	
TR301	Open	C	F301 opened, No hazard	0V
	Open	E	F301 opened, No hazard	0V
	Open	B	F301 opened, No hazard	0V
	Short	C-E	No hazard.	0V
	Short	E-B	F301 opened, No hazard	0V
	Short	B-C	F301 opened, No hazard	0V
TR302	Open	D	No hazard.	0V
	Open	S	F301 opened, No hazard	0V
	Open	G	F301 opened, No hazard	0V
	Short	D-S	F301 opened, No hazard	0V



ABNORMAL TEST RESULT

PAA600F

Component	Mode	Comment		Output Voltage (V)
TR302	Short	S-G	No hazard.	0V
	Short	G-D	F301 opened, No hazard	0V
TR402	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	Normal operation.	
	Short	E-B	No hazard.	0V
	Short	B-C	Normal operation.	
TR403	Open	D	Normal operation.	
	Open	S	Normal operation.	
	Open	G	No hazard.	0V
	Short	D-S	No hazard.	0V
	Short	S-G	No hazard.	0V
	Short	G-D	No hazard.	0V
TR404	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	Normal operation.	



ABNORMAL TEST RESULT

PAA600F

Component	Mode	Comment		Output Voltage (V)
TR404	Short	E-B	Normal operation.	
	Short	B-C	Normal operation.	
TR405	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	No hazard.	0V
	Short	E-B	No hazard.	0V
	Short	B-C	No hazard.	0V
TR406	Open	D	Normal operation.	
	Open	S	Normal operation.	
	Open	G	No hazard.	0V
	Short	D-S	No hazard.	0V
	Short	S-G	No hazard.	0V
	Short	G-D	No hazard.	0V
TR602	Open	D	Normal operation.	
	Open	S	Normal operation.	
	Open	G	Normal operation.	
	Short	D-S	Normal operation.	



ABNORMAL TEST RESULT

PAA600F

Component	Mode		Comment	Output Voltage (V)
TR602	Short	S-G	Normal operation.	
	Short	G-D	Normal operation.	
TR701	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	Normal operation.	
	Short	E-B	No hazard.	0V
	Short	B-C	Normal operation.	
TR702	Open	C	No hazard.	0V
	Open	E	No hazard.	0V
	Open	B	No hazard.	0V
	Short	C-E	Normal operation.	
	Short	E-B	No hazard.	0V
	Short	B-C	Normal operation.	
TR703	Open	C	Normal operation.	
	Open	E	Normal operation.	
	Open	B	Normal operation.	
	Short	C-E	No hazard.	0V



ABNORMAL TEST RESULT

PAA600F

Component	Mode	Comment		Output Voltage (V)
TR703	Short	E-B	Normal operation.	
	Short	B-C	Normal operation.	
VR601	Open	Slide	Output voltage increased No hazard.	
	Open	No hazard.		0V
	Short	No hazard.		0V
ZD201	Open	Normal operation.		
	Short	No hazard.		0V
ZD202	Open	Normal operation.		
	Short	No hazard.		0V
ZD204	Open	Normal operation.		
	Short	No hazard.		0V
ZD301	Open	Normal operation.		
	Short	Normal operation.		
ZD302	Open	Normal operation.		
	Short	Normal operation.		
ZD303	Open	Normal operation.		
	Short	No hazard.		0V
ZD304	Open	No hazard.		0V

ABNORMAL TEST RESULT

PAA600F

Component	Mode	Comment	Output Voltage (V)
	Short	No hazard.	0V
ZD305	Open	Normal operation.	
	Short	No hazard.	0V
ZD401	Open	Normal operation.	
	Short	No hazard.	0V
ZD403	Open	Normal operation.	
	Short	No hazard.	0V
ZD405	Open	Normal operation.	
	Short	No hazard.	0V
ZD406	Open	Normal operation.	
	Short	No hazard.	0V
ZD501	Open	Normal operation.	
	Short	No hazard.	0V
ZD502	Open	Normal operation.	*24V
	Short	No hazard.	0V *24V