

### 3 . Power Consumption / Connector Test

#### Platform Information:

PCB Model & Version	HSB-440I Rev.A0.1
CPU Type & FSB	SPEC-DX2 133MHz
Memory Type	Onboard 64MB
Compact FlashCard	PQI 256MB
Power Supply	AT SP2-4300F / 300W
VGA Card ( Chipset )	STPC Atlas,Share up to 4MB,Support VGA/SVGA

#### Operating System Environment :

DOS 6.22	Config.sys	Device=c:\dos\setup.exe Device=c:\dos\power.exe dos=high files=30
	Autoexec.bat	c:\dos\smartdrv.exe/x @ echo off path c:\dos set temp=c:\dos

#### A. Power Consumption Test :

##### Test Software (DOS Mode):

Test Software	QAPlus/Fe 5.5 ( Run QAPlusfe.exe/ Memory module test programming )
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##### Test Result:

Mode Type	CPU TYPE			Note
	SPEC-DX2 133MHz			
Normal Mode(+5V)	1.12 A			
Standby Mode(+5V)	0.97 A			
Suspend Mode(+5V)	0.86 A			
Normal Mode(+12V)	0			
Standby Mode(+12V)	0			
Suspend Mode(+12V)	0			
Normal Mode(+3.3V)	N/A			
Standby Mode(+3.3V)	N/A			
Suspend Mode(+3.3V)	N/A			

#### B. Power Margin Test:DOS 6.22

Test Point:

1. Play VCD 10 Minutes.

**B-1 ATX Connector [Male] → ATX Power Supply : DEC DP-ATX725B / 250W [Female]**

{ V } No Support.

Voltage	Low/High Voltage 110 V / 220 V	Actual Voltage		Result				Note
		110 V	220 V	110V		220V		
				Pass	Fail	Pass	Fail	
5 V	4.75 V	V	V					
	5.25 V	V	V					
3.3V	3.135V	V	V					
	3.465V	V	V					
12 V	11.4 V	V	V					
	12.6 V	V	V					

**B-2 AT Connector [Male] → AT Power Supply : AT SP2-4300F / 300W [Female]**

[ ] No Support.

Voltage	Low/High Voltage 110 V / 220 V	Actual Voltage		Result				Note
		110 V	220 V	110V		220V		
				Pass	Fail	Pass	Fail	
5 V	5 V	5 V	5 V	V		V		
12 V	12 V	11.9 V	11.9 V	V		V		

**C. Power Connector Test : AT Power To ATX Motherboard**

[ V ] No Support.

Test Point:

- 1.O.S. : Play VCD in Win 98 O.S.
- 2.Play VCD 10 Minutes.

Note:

1. AT Power Supply : Seventeam ST-250 AF/250W ( Female ) .
2. Use transform cable : The cable is a AT connector ( Male ) transform into a ATX connector ( Female )

Voltage	Low/High Voltage 110 V / 220 V	Actual Voltage		Result				Note
		110 V	220 V	110V		220V		
				Pass	Fail	Pass	Fail	
5 V	5 V	V	V					
12 V	12 V	V	V					

**D. Power Support Test: 5V only operation**

[ Use P8 Power Connector ]

[ ] No Support.

Test Item	Result		Note
	Yes	No	
5 V	V		
12 V	N/A		