

AEV-6356

Power Electronics Test Report

Summary	<input checked="" type="checkbox"/> Pass <input type="checkbox"/> Fail <input type="checkbox"/> Pass with Deviation Comment: _____			
Test Result Summary				
	Critical	Major	Minor	Enhancement
Defect Found	0	0	0	0
Defect Unsolved	0	0	0	0

Issue date	Approval	Test Engineer
08/14/2013	Tom Lin	Sean Hsu

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1. Project

AEV-6356 BIOS R0.7 (PA77AM07) (03/14/2013)

2. Team Member

PM : Lee Lee ; PPC H/W : Ares Wu

3. Test Equipment

- 3.1. PCB : PBA-QM77 A0.3
- 3.2. CPU : Intel Core i7 – 3517UE / 1.7GHz
- 3.3. Memory : DSL 4GB / DDR3 1066 / SEC K4B2G0846C
- 3.4. SSD : INNODISK / InnoLite II 2.5” SATA SSD 16GB WT
- 3.5. DC Power Source : Chroma / 62012P-600-8 / Output : 600V/8A
- 3.6. USB Mouse : Logitech , Model : M-BT85
- 3.7. USB Keyboard : Logitech , Model : Y-BL49
- 3.8. LCD Monitor : Samsung , Model : T190 1440*900(WXGA+)

4. Test Item

Test Item	Test Condition / Specification	Sanction	
		Measured	Result
4.1. Power Consumption Test with DC Power	No Run Prime95	I/P:18VDC 0.64A 11.52W	PASS
	Run Prime95	I/P:18VDC 1.67A 30.06W	PASS
	No Run Prime95	I/P:24VDC 0.483A 11.592W	PASS
	Run Prime95	I/P:24VDC 1.236A 29.664W	PASS
	No Run Prime95	I/P:75VDC 0.155A 11.625W	PASS
	Run Prime95	I/P:75VDC 0.402A 30.15W	PASS