

FAN Control Function Test

Model: HP1-J650GD-F12S
Customer:
Test date: 18-Nov-23
Test By:
Test Result: PASS

一 : Test Condition:

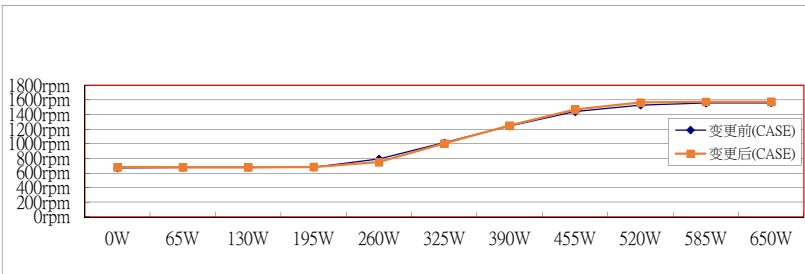
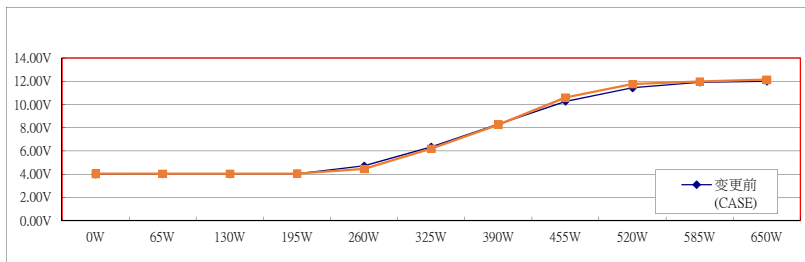
AC Input: 115V/60HZ
Environment temperature: 25°C
Fan Speed: 1500 ±10% rpm

二 : Specification :

Output Rail :	+5V	+3.3V	+12V1	-12V	+5Vsb
Maximum load	22.0 A	22.0 A	54.17 A	0.3 A	3.0 A
Minimum load	0.0 A	0.0 A	0.0 A	0.0 A	0.0 A
Combined Load	120.0 W		650.0 W	3.6 W	15.0 W
Total Power	650.0 W				

三 : Test Loading And Test Result :

Loading	Load List					Pout	变更前(CASE)		变更后(CASE)	
	+5V	+3.3V	+12V1	-12V	+5Vsb		Fan Voltage(V)	Fan Speed(rpm)	Fan Voltage(V)	Fan Speed(rpm)
0%	0.00A	0.00A	0.00A	0.00A	0.00A	0W	4.00V	670rpm	4.03V	680rpm
10%	1.19A	1.19A	4.46A	0.02A	0.25A	65W	4.02V	675rpm	4.04V	680rpm
20%	2.38A	2.38A	8.93A	0.05A	0.49A	130W	4.02V	675rpm	4.04V	680rpm
30%	3.58A	3.58A	13.39A	0.07A	0.74A	195W	4.04V	680rpm	4.05V	683rpm
40%	4.77A	4.77A	17.86A	0.10A	0.99A	260W	4.73V	795rpm	4.45V	750rpm
50%	5.96A	5.96A	22.32A	0.12A	1.24A	325W	6.35V	1016rpm	6.19V	1005rpm
60%	7.15A	7.15A	26.79A	0.15A	1.48A	390W	8.30V	1243rpm	8.27V	1250rpm
70%	8.34A	8.34A	31.25A	0.17A	1.73A	455W	10.26V	1440rpm	10.59V	1472rpm
80%	9.53A	9.53A	35.72A	0.20A	1.98A	520W	11.43V	1530rpm	11.75V	1565rpm
90%	10.73A	10.73A	40.18A	0.22A	2.23A	585W	11.91V	1558rpm	11.98V	1575rpm
100%	11.92A	11.92A	44.65A	0.25A	2.47A	650W	11.99V	1560rpm	12.13V	1576rpm



*****End*~*Of*~*Report*~*~*~*~*~*~*~*~*~*