

FAN Control Function Test

Model: HP1-N750BR-H12S

Customer:

Test date: 2023/12/21\

Test By:

Test Result: PASS

一 : Test Condition:

AC Input: 220V/60HZ

Environment temperature: 25°C

Fan Speed: 2000 ±10% rpm

二 : Specification :

Output Rail :	+5V	+3.3V	+12V	-12V	+5Vsb
Maximum load	22.0 A	22.0 A	62.5 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		750.0 W	3.6 W	15.0 W
Total Power	750.0 W				

三 : Test Loading And Test Result : PASS

Loading	Load List					Pout	Fan Voltage(V)	Fan Speed(rpm)	
	+5V	+3.3V	+12V	-12V	+5Vsb				
0%	0.00A	0.00A	0.00A	0.00A	0.00A	0W	3.75V	566rpm	
10%	1.28A	1.28A	7.73A	0.03A	0.27A	105W	4.95V	612rpm	
20%	2.44A	2.44A	10.55A	0.05A	0.51A	150W	4.48V	721rpm	
30%	3.66A	3.66A	15.83A	0.08A	0.76A	225W	4.88V	814rpm	
40%	4.88A	4.88A	21.10A	0.10A	1.01A	300W	5.50V	942rpm	
50%	6.10A	6.10A	26.38A	0.13A	1.27A	375W	6.66V	1142rpm	
60%	7.32A	7.32A	31.65A	0.15A	1.52A	450W	8.23V	1388rpm	
70%	8.54A	8.54A	36.93A	0.18A	1.77A	525W	9.38V	1574rpm	
80%	9.76A	9.76A	42.20A	0.20A	2.03A	600W	10.70V	1763rpm	
90%	10.98A	10.98A	47.48A	0.23A	2.28A	675W	11.37V	1847rpm	
100%	12.20A	12.20A	52.75A	0.25A	2.53A	750W	11.39V	1851rpm	

