



## TEST REPORT

Report No.: HCN0093/2006  
Page: 1 of 4  
Date: November 24, 2006

WINGSONIC LTD.  
NO. 203, SEC. 1, JEN-HE RD.,  
DAXI CHENG, TAOYUAN HSIEN,  
TAIWAN, R.O.C.

The following merchandise was submitted and identified by the vendor as:

Product Description: SATA Non-scratch connector  
Style/ Item No.: SATA NSS Connector/ No.1  
Manufacturer/Vendor: Wingsonic Ltd.  
Country of Origin: China  
Quantity: Total 1 piece

We have tested the submitted sample(s) as requested and the following results were obtained:

Test Required : (According to client's test specification, please see following sheets in detail.)

1. Durability Test

Test Results : -PLEASE SEE ATTACHED SHEETS-

Cedric Chen  
Asst. Supervisor

## 1. Durability Test:

### Test Equipment:

Name	Brand	Model	Serial No.
Durability Connector Tester (offer by client)	WINGSONIC	WINGSONIC-001	-
Digital timer	KOKA	KT-365	-

### Lab Environmental Conditions:

Ambient temperature: 25±3°C

Relative humidity: 55±20%RH

### Test Method/ Specification:

Test Method: Mating and Unmating the SATA connector pair under designated test condition

Test cycles: 50,000 cycles

Cycle rate: 416 cycles/ hour

Testing Device: As shown in photo 4, 5

- Examine the appearance of specimen(s) by visual check and perform functional check after 30,000, 40,000, 50,000 cycles Durability test accomplished.
- Functional check: Connect the Hard Disk with PC via SATA port. Examine whether the booting function of Hard Disk could be work normally or not.

# TEST REPORT

Report No.: HCN0093/2006

Page: 3 of 4

**Specimen:**

Style/Item No.: SATA NSS Connector/ No.1

Quantity: Total 1 piece

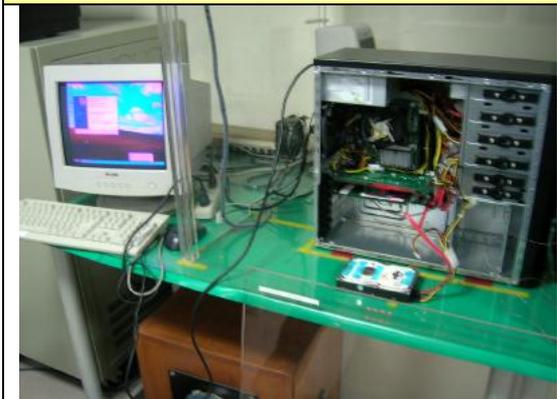
**Test Result:**

Style/ Item No.	Check Item	Appearance check (visual check)	Functional check
	SATA NSS Connector/ No.1	After 30000 cycles	No visible damage
After 40000 cycles		No visible damage	Normal
After 50000 cycles		No visible damage	Normal

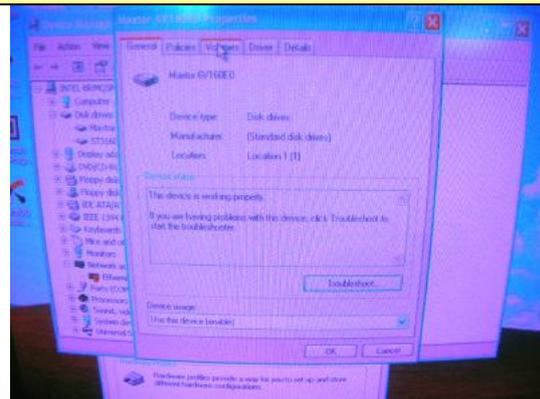
Test Photos:



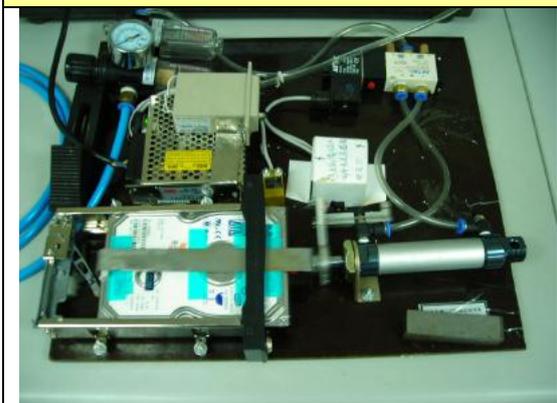
1. Appearance of specimen: SATA NSS Connector



2. Functional check



3. Functional check



4. Durability Test



5. Durability Test

— — — The End of Test Report — — —