### Computer Memory Test Labs
#### Intel® Advanced Tested Final Report

**Pass**

**Insertion Test:**
- Microsoft Windows-7 64bit version is used as it supports over 4GB memory and must support target chipset/CPU platform. All board drivers must be loaded when drivers are available on Intel website. Front panel power cycling test, ACPI S3 sleep state cycling test, and Hibernate S4/S5 state cycling test is done up to 20 cycles each when the board supports it. At least 2 loops of all tests under R.S.T PRO3 to be completed.

**CMTL Part #: DAT686**

**Manufacturer Name:** Dataram

**Manufacturer Part #:** DTM64617A

**DRAM Manufacturer:** SKhynix

**DRAM Part #:** H5TC4G83AFR-PBA rev A

**Module Config:** 512M x 64

**Module Size:** 4GB

**PCB Part #:** B83SRCB 2.00 B3

**PCB Layer Count:** 8 Layer

**Assembly Type:** JEDEC Standard/Non-stacked DRA

**Module Information:** Unbuffered 1.35V Non-ECC 1600Mhz DDR3 SODIMM

**Minimum System Information**

- Minimum System: D54250WYB/D54250WYK
- Serial Numbe: GEWY334005E
- Board Revision: H13922-301
- Bios Memory Coup: 4096MB
- Processor Code: Intel® Core™ i5-4250 @ 1.30GHz
- Bios at time of test: WYLPT10H.86A.0021
- RST PRO Count: 4G/510M

**Maximum System Information**

- Maximum System: D54250WYB/D54250WYK
- Serial Numbe: GEWY334005N4
- Board Revision: H13922-301
- Bios Memory Coup: 8192MB
- Processor Code: Intel® Core™ i5-4250 @ 1.30GHz
- Bios at time of test: WYLPT10H.86A.0021
- R.S.T PRO Count: 8G/510M

**System Information**

**Testing Details**

- **55°C Temperature / Standard Voltage**

- **Start Date:** 3/1/2014
- **Stop Date:** 3/3/2014
- **Insertion Test:** Pass
- **SPD Check:** Pass
- **Minimum Load:** Pass
- **Maximum Load:** Pass
- **S0 ~ S5 Test:** Pass
- **Power Cycle Test:** Pass
- **Test Card Version:** R.S.T Premium v6.05

**Test Notes:**
- Min configuration, 5 Loops Passed, 0 Error; Memory speed running @ 1600MHz
- Max configuration, 5 Loops Passed, 0 Error; Memory speed running @ 1600MHz

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