# Thermal Test Report Model : YY-A202 Thermal Performance Contest

# Date:Apr.09, 2004

THIS TEST REPORT IS PROVIDED "AS IS" WITH NO WARRANTY WHATSOEVER, WHETHER EXPRESS, IMPLIED OR STATUTORY, INCLUDING BUT NOT LIMITED TO THOSE FOR NON-INFRINGEMENT OF INTELLECTUAL PROPERTY, MERCHANTABILITY OR SATISFACTIRY QUALITY, FITNESS FOR ANY PARTICULAR PURPOSE, OR ANY WARRANTY OTHERWISE ARISING OUT OF ANY PROPOSAL, SPECIFICATION OR SAMPLE.

YEONG YANG ASSUMES NO RESPONSIBILITY FOR ANY ERRORS WHICH MAY APPEAR IN THIS DOCUMENT

### **Table of Contents**

1)	Introduction	1
2)	References	1
	Thermal Test	
	1. Test Configuration	2
	2. Test Equipment Used	2
	3. Test Process	2
	4. Data Recorded	2
	5. Thermal Test Results	3
4)	Summary/Recommendations	3
	ble 4.1 & 4.2 (Test Result & Sample Picture)	

### 1. Introduction

The purpose of this evaluation is to find the best performance thermal solution by system operated as for Intel P4 3.2G processor.

### 2. References

ATX spec <u>http://formfactors.org</u>

### 3. Thermal Test

#### 3.1 Test Configuration

	XXX A 202
Chassis	YY-A202
Power Supply	Enhance ENP-2725H
Chassis Fan	TOP DF1206BH, Hi Speed: 4400RPM, Quantity:2
	TOP DF1206BM, Middle Speed: 3700RPM, Quantity:2
Processor	Intel P4 Prescott FMB1.5 3.2GHz/800MHz, Quantity:1
Processor	Glacialtech Igloo 4360 Cooler Fan(8cm)
Thermal solution	Speed:2400 RPM,dBA:26
Motherboard	Model 1~8 :AUSU P4P800-VM
	Model 9~10 :GIGABYTE 8IPE1000MK
Memory	Kingston DDR400 512MB, Quantity: 2
Hard Drive	SEAGATE 40G, Quantity: 1
CD ROM	Cyber CD526D, Quantity: 1
Floppy Drive	Mitsumi D359M3, Quantity: 1
PCI :AGP Card	Albatron FX5200, Quantity: 1
PCI: Sound Card	ESS SC1938, Quantity: 1
PCI: Lan Card	D-LINK DFE-530TX, Quantity: 1

#### 3.2 Test Equipment Used

FULL SYSTEM OPERATION Fluke Hydra 2635A Software: Intel P4 Prescott MAXPOWER (85% & 100%)

#### 3.3 Test Process

The peripherals listed in section 1 were installed in the chassis and thermocouples were attached at the points designated in section 4. The chassis was tested in a controlled temperature held at a constant 35°C. The thermal readings communicated from the sensors on the test board to the test software. The system was exercised until the initial thermal gradient reached a consistent level with a slope-nearing zero. During testing, the ambient temperature was monitored approximately 2" from the front bezel of the chassis.

#### 3.4 Data Recorded

Temperature readings are measured at the following location(s):

- Ambient -- Hotbox ambient temperature (2" from the front center of the chassis)
- Tinlet1 Internal ambient temperature of the processor heatsink .5" away from the center of fan hub (near the rear port)
- Tinlet2 Internal ambient temperature of the processor heatsink .5" away from the center of fan hub (near the PSU)

- Tinlet3 Internal ambient temperature of the processor heatsink .5" away from the center of fan hub (near the DIMM slot)
- Tinlet4 Internal ambient temperature of the processor heatsink .5" away from the center of fan hub (near the chipset)
- Tcase -- Processor case temperature
- Test Result (see table 4.1), & Test mode details (Table 4.2)

#### • Summary: PASS

In the conditions of the system must build two pieces of system fans in hi-speed; in the meanwhile to compliant with CAG1.1 design.

- The tests intends to understand what different from the test results between run trace software 85% level and 100%, and disconnect PCI card and connect 3 x 8w PCI card?. To compare the test result of mode 1,2 and 3,4. We found the chassis do provide a good ambient (Tambient) with its thermal performance however on 85% or 100%.
- The tests intends to understand how thermal solution improved if the chassis have engineering changes to meet CAG design guide rev.1.1? To compare the test result of mode 4 and mode 6. We found the chassis meets CAG design guide rev.1.0 may not meet Ta38°C. It shown the CAG rev.1.1 design guide provided thermal advantages.
- The tests intends to understand what different if we installed difference fan speed of system fans? Some customers maybe care the acoustic issues. To compare the test result of mode 4 and mode 8. We found the chassis built low speed system fan (mode 8) may not meet Ta38°C.
- The test s intends to understand how is the result in the worse case of normal operation? we try to test it in ambient 30°C.
   We may try to compare the test result of mode 4 and mode 5. It certainly meet Ta38°C, so we suggest customer may keep use low-speed fans to have better acoustic result in the

we suggest customer may keep use low-speed fans to have better acoustic result in the friendly operation.

The test s intends to understand what impact to processor power and thermal result if just change another motherboard?.
 To compare the test result of mode 3,4 and mode 9,10. Both meet Ta38°C, and Tambient, Tcase....all measured values got changed, it shown the different system may deliver different thermal profile.

Table 4.1 Date:Apr.09.2004						
Position	Mode 1	Mode 2	Mode 3	Mode 4	Mode 5	Mode 6
Panel	02	02	02	02	02	02(A2CN)
Power Model	Enhance ENP-2725H (with 8cm Fan for airflow in, vents for air flow out)					
System Fan (Mounted in rear side of chassis)	TOP DF1206BH					
Airguide (CAG1.1)	Yes	Yes	Yes	Yes	Yes	CAG1.0
PCI Card Install	Disconnect	Disconnect	Yes	Yes	Yes	Yes
Run the test under the software on 85% or 100% level	85%	100%	85%	100%	100%	100%
DIMM-1	46.4	46.4	46.4	46.6	41.8	46
DIMM-2	44	43.8	43.6	44.1	39.1	45.2
HDD	51.4	51.5	51.3	51.5	45.9	49.3
CD ROM	42.2	42.3	42.3	42.4	37.3	40.2
POWER	47	47.6	47.1	47.5	42.8	48.6
AGP	48.1	48.2	50.3	51	46.3	45.9
T-inlet 1	35	34.9	34.9	35.1	29.7	38.3
T-inlet 2	37.7	38.6	37.6	40.1	32.8	41.4
T-inlet 3	40.9	39.8	40.1	39.4	34.2	39.4
T-inlet 4	36	35.3	35.6	35.5	30.5	35.5
T-inlets average Tambient(1~4)	<u>37.4</u>	<u>37.2</u>	<u>37.1</u>	<u>37.5</u>	<u>31.8</u>	<u>38.7</u>
T-case	<u>56.9</u>	<u>57.3</u>	<u>56.9</u>	<u>57.4</u>	<u>53.7</u>	<u>59</u>
Ambient(case outside)	35	35.2	35.1	35.1	30.1	35

<b>D</b> :/:		M 1 0	M 1 0	M 1 10
Position	Mode 7	Mode 8	Mode 9	Mode 10
Panel	06	02	02	02
Power Model	(with 8cm Far	Enhance EN 1 for airflow ir		air flow out)
Fan Model	TOP DF1206BH	TOP DF1206BM	TOP DF	1206BH
Airguide (CAG1.1)	Yes	Yes	Yes	Yes
PCI Card Install	Yes	Yes	Yes	Yes
Run the test under the software on 85% or 100% level	100%	100%	85%	100%
DIMM-1	46.9	49.7	49.2	49.1
DIMM-2	44.2	46.2	44.9	44.7
HDD	52.1	53.8	50.8	51.4
CD ROM	42.5	45.1	41.1	41.1
POWER	47.8	49	46.1	46.6
AGP	50.7	63.2	50.9	50.9
T-inlet 1	35.3	37.7	34.7	34.4
T-inlet 2	38.2	41.6	37.6	37.3
T-inlet 3	41.2	41.9	40.4	40.3
T-inlet 4	36.4	37.5	35.3	34.6
T-inlets average Tambient(1~4)	<u>37.8</u>	<u>39.7</u>	<u>37</u>	<u>36.7</u>
T-case	<u>57.9</u>	<u>59.6</u>	<u>55.6</u>	<u>56.3</u>
Ambient(case outside)	35.1	35.1	35.1	35

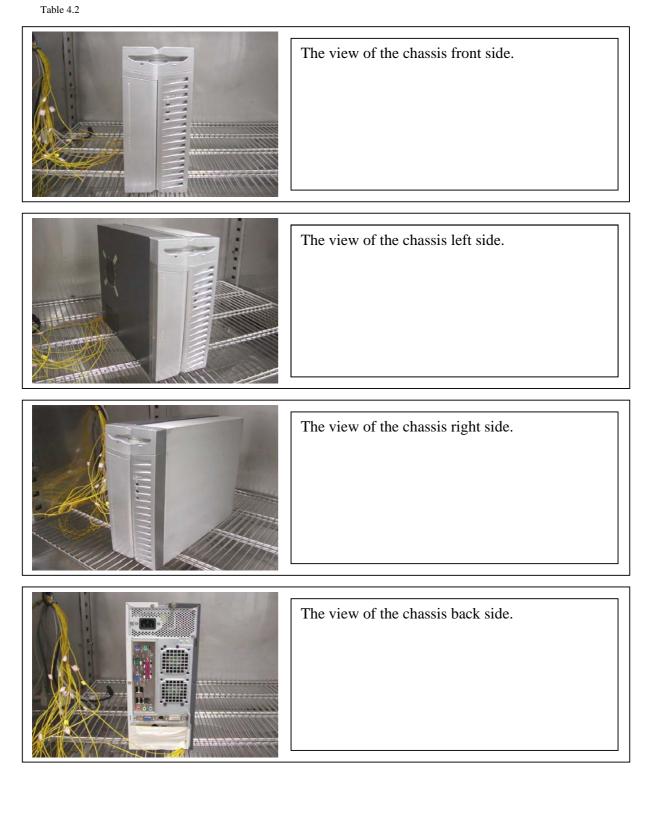
Trend Link for Fluke - [A2-0408				_ 8
Eile Edit Curve Preference	s Utilities Window Help			_ 2
	Band Bars	· _*		
00		······································		
<mark>00]</mark>				
Thu 04/04/08 10:08:19		10:30:00	[1] Thu 04/04/	08 10:38:19 上午
ıq Name	Description	Scale Range	Eng. Units	Last Value
-0408.set:0101	Ch1 TC	25.00/75.00	°C	56.94
-0408.set:0103	Ch3 RAM1	45.00/47.00	*C	46.41
-0408.set:0104	Ch4 RAM2	43.00/45.00	°C	43.98
-0408.set:0105	Ch5 HDD	51.00/52.00	°C	51.40
-0408.set:0107 -0408.set:0109	Ch7 CD ROM Ch9 POWER	40.00/44.00 44.00/48.00	℃ ℃	42.20 47.03
-0408.set.0103	Ch10 Ta1	34.00/36.00	0 *C	34.95
-0408.set:0112	Ch12 Ta2	36.00/40.00	°C	37.65
-0408.set0113	Ch13 Ta3	38.00/42.00	°C	40.87
-0408.set:0114	Ch14Ta4	34.00/38.00	°C	35.98
-0408.set:0115	Ch15 AGP	46.00/50.00	*C	48.11
<mark>-0408.set:0116</mark> oggle the display of the Ba	Ch16 Ambient	34.00/36.00	°C	35.03
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			181
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
File Edit Curve Preference	s Utilities Window Help Y			
Eile       Edit       Curve       Preference         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P <td>x Utilities Window Help Y 💭 👌 🐼 ₽ 🔟 🔤 🛄</td> <td></td> <td></td> <td></td>	x Utilities Window Help Y 💭 👌 🐼 ₽ 🔟 🔤 🛄			
File Edit Curve Preference	s Utilities Window Help Y	III:30:00 Scale Range	Eng. Units	- ₽ 
File Edit Curve Preference Elie Curve Prefer	s Utilities Window Help Y V Description Ch1 TC	10:30:00 Scale Range 57.00/57.50	Eng. Units *C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Eile       Edit       Curve       Preference         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P       P         P       P       P       P       P       P       P       P         P       P       P       P       P       P       P       P       P         P       P	s Utilities Window Help Y V D D Ch1 TC Ch3 RAM1	10:30:00 Scale Range 57.00/57.50 46.00/46.50	Eng. Units °C °C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Eile       Edit       Curve       Preference         P <td>s Utilities Window Help Y V S S S S S S S S S</td> <td>10:30:00 Scale Range 57:00/57:50 46:00/46:50 43:00/44:00</td> <td>Eng. Units °C °C °C</td> <td>■</td>	s Utilities Window Help Y V S S S S S S S S S	10:30:00 Scale Range 57:00/57:50 46:00/46:50 43:00/44:00	Eng. Units °C °C °C	■
Ele       Edit       Curve       Preference         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P       P         P	s Utilities Window Help Y V D D Ch1 TC Ch3 RAM1 Ch4 RAM2 Ch5 HDD	0:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75	Eng. Units °C °C °C °C °C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Ele       Edit       Curve       Preference         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P       P         P	s Itilities Window Help Y S & Mindow Help Y S & Mindow Help I S & M	0:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75 42.00/42.50	Eng. Units °C °C °C °C °C °C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Ele       Edit       Curve       Preference         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P       P         P       P       P       P       P       P       P         P	s Itilities Window Help Y ♥ 20 20 00 Help Y ♥ 20 20 00 Help I ↓ + 10 00 00 00 00 00 00 00 00 00 00 00 00	00:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75 42.00/42.50 47.00/48.00	Eng. Units *C *C *C *C *C *C *C *C	■ ■ 08 12:15:20 T/∓ Last Value 57.32 46.36 43.81 51.49 42.30 47.56
Eile       Edit       Curve       Preference         Image: Curve       Image	s Itilities Window Help Y ♥ 20 20 00 Help Y ♥ 20 20 00 Help Description Ch1 TC Ch3 RAM1 Ch4 RAM2 Ch5 HDD Ch7 CD ROM Ch9 POWER Ch10 Ta1	0:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75 42.00/42.50 47.00/48.00 34.00/36.00	Eng. Units *C *C *C *C *C *C *C *C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Eile       Edit       Curve       Preference         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P         P       P       P       P       P       P         P	s Itilities Window Help Y ♥ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	10:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75 42.00/42.50 47.00/48.00 34.00/36.00 36.00/40.00	Eng. Units *C *C *C *C *C *C *C *C *C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
Eile       Edit       Curve       Preference         P       P       P       P	s Utilities Window Help Y ♥ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	10:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75 42.00/42.50 47.00/48.00 34.00/36.00 36.00/40.00 39.50/40.00	Eng. Units *C *C *C *C *C *C *C *C *C *C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
File       Edit       Quive       Preference         P       P       P       P	s Utilities Window Help V V D D D D C C C C C C C C C C C C C	0:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75 42.00/42.50 47.00/48.00 34.00/46.00 34.00/40.00 39.50/40.00 39.50/40.00	Eng. Units *C *C *C *C *C *C *C *C *C *C	■ ■ ■ ■ ■ ■ ■ ■ ■ ■
	s Utilities Window Help Y ♥ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	10:30:00 Scale Range 57.00/57.50 46.00/46.50 43.00/44.00 51.25/51.75 42.00/42.50 47.00/48.00 34.00/36.00 36.00/40.00 39.50/40.00	Eng. Units *C *C *C *C *C *C *C *C *C *C	08 12:15:20 下午 Last Value 57.32 46.36 43.81 51.49 42.30 47.56 34.87 38.57 39.80

Trend Link for Fluke - [A2-0408 File Edit Come Performed				_ 8
Eile Edit Curve Preference	es Utilities Window Help Y 🐖 👌 🧭 🎝 🎬 🎆 🎞			_ 18
	▁▁▝॒▝▁▚▁▝▖▎▓▓▓▓▁▋▁			
25°	Band Bars			and the second s
50		and the second	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	m m m m m m m m m m m m m m m m m m m
00	······································	<u></u>	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
5U]	~			
	┙ <mark>┙┙<sup>┍</sup>┉╖┙╼╶╻┍╴┍╺╸╸<sub>┙</sub>┍╷╴╵╴╴</mark>	vh~m~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	Charles - affiliate - a	
50 <mark>1</mark>				
Thu 04/04/08 01:29:05	5 下午 🖭 🛛 🛛 🛛	10:30:00	11 Thu 04/04/	08 01:59:05 下午
g Name	 Description	Scale Range	Enq. Units	Last Value
-0408-2.set:0101	Ch1 TC	56.00/57.00	°C	56.91
-0408-2.set:0103	Ch3 RAM1	46.25/46.50	*C	46.41
0408-2.set:0104	Ch4 RAM2	43.50/44.00	°C	43.58
0408-2.set:0105	Ch5 HDD	50.50/51.50	°C	51.29
0408-2.set:0107	Ch7 CD ROM	42.00/42.50	°C	42.26
0408-2.set:0109	Ch9 POWER	46.50/47.50	°C	47.08
0408-2.set:0110	Ch10 Ta1	34.50/35.50	°C	34.94
0408-2.set:0112	Ch12 Ta2	36.00/38.00	°C	37.57
0408-2.set0113	Ch13Ta3	39.50/40.50	°C	40.08
0408-2.set0114	Ch14Ta4	35.00/36.00	°C	35.60
0408-2.set0115	Ch15 AGP	49.00/51.00	°C	50.29
-0408-2.set:0116	Ch16 Ambient	34.50/35.50	°C	35.07
oggle the display of the Ba Trend Link for Fluke - [A2-0408 <u>File E</u> dit <u>C</u> urve <u>P</u> reference		_		
Trend Link for Fluke - [A2-0408 File Edit Curve Preference	3-3 - s2-0408cht] es Utilities Window Help			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			<u>_</u> [2
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	8-3 - a2-0408cht] es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	3-3 - a2-0408- cht] es Utilities Window Help Y ☆ 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		Thu 04/04/	
Trend Link for Fluke - [A2-0408         File Edit Curve Preference         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P         P       P	3-3 - a2-0408- cht] es Utilities Window Help Y ☆ 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	3-3 - s2-0408- cht] es Utilities Window Help Y	III. 30. 00		
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	B-3 - s2-0408cht] es Utilities Window Help Y	ID.30.00 Scale Range	Eng. Units	-   E
Trend Link for Fluke - [A2-0408 File Edit Curve Preference	B-3 - s2-0408cht] es Utilities Window Help Y	10:30:00 Scale Range 57.25/57.50	Eng. Units °C	- [# 
Trend Link for Fluke - [A2-0408 File Edit Curve Preference	3-3 - s2-0408cht] es Utilities Window Help Y	10:30:00 Scale Range 57.25/57.50 46.50/46.75	Eng. Units *C *C	-  ₽ 
Trend Link for Fluke - [A2-0408 File Edit Curve Preference	B-3 - s2-0408cht] ss Itilities Window Help Y → I → II → III → IIII → III → IIII → III → IIII → III → III → II	10:30:00 Scale Range 57.25/57.50 46.50/46.75 43.50/44.50	Eng. Units °C °C °C	-   ₽ -   =   ₽ -     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =     =
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	3-3 - s2-0408cht] ss Itilities Window Help Y → I → II → III → IIII → III → IIII → III → III → III → IIII → III → III → II	10:30:00 Scale Range 57:25/57:50 46:50/46:75 43:50/44:50 50:00/52:00	Eng, Units C C C C C C	
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	3-3 - s2-0408cht] ss Itilities Window Help Y → I → II → II → II → II → II → II → I	10:30:00 Scale Range 57:25/57:50 46:50/46:75 43:50/44:50 50:00/52:00 42:25/42:50	Eng. Units *C *C *C *C *C *C	-   ₽ -   =   ₽ -   =   P -
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	3-3 - a2-0408cht] ss Itilities Window Help Y	III:30:00 Scale Range 57:25/57:50 46:50/46:75 43:50/44:50 50:00/52:00 42:25/42:50 47:00/48:00	Eng. Units °C °C °C °C °C °C °C °C	■ F
Trend Link for Fluke - [A2-0408 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	3-3 - a2-0408cht] ss Itilities Window Help Y	I0:30:00 Scale Range 57.25/57.50 46.50/46.75 43.50/44.50 50.00/52.00 42.25/42.50 47.00/48.00 34.50/35.50 38.00/42.00 39.00/40.00	Eng. Units °C °C °C °C °C °C °C °C °C °C	■ ●
Trend Link for Fluke - [A2-0408 File Edit Curve Preference Trend Link for Fluke - [A2-0408 File Edit Curve Preference The Preference The Preference The Preference The Preference The O4/04/08 03:08:26 g Name -0408-3.set0101 -0408-3.set0103 -0408-3.set0104 -0408-3.set0105 -0408-3.set0105 -0408-3.set0107 -0408-3.set0110 -0408-3.set0112 -0408-3.set0113 -0408-3.set0114	3-3 - a2-0408cht] ss Itilities Window Help Y S 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0:30:00 Scale Range 57.25/57.50 46.50/46.75 43.50/44.50 50.00/52.00 42.25/42.50 47.00/48.00 34.50/35.50 38.00/42.00 39.00/40.00 35.00/36.00	Eng. Units C C C C C C C C C C C C C	
Trend Link for Fluke - [A2-0408 File Edit Curve Preference	3-3 - a2-0408cht] ss Itilities Window Help Y S & Window Help Y & W & W & W & W & W & W & W & W & W &	0:30:00 Scale Range 57:25/57:50 46:50/46:75 43:50/44:50 50:00/52:00 42:25/42:50 47:00/48:00 34:50/35:50 38:00/42:00 39:00/40:00 39:00/40:00 35:00/36:00 50:00/52:00	Eng. Units C C C C C C C C C C C C C	
Trend Link for Fluke - [A2-0408 File Edit Curve Preference The Edit Curve	3-3 - a2-0408cht] ss Itilities Window Help Y S 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0:30:00 Scale Range 57.25/57.50 46.50/46.75 43.50/44.50 50.00/52.00 42.25/42.50 47.00/48.00 34.50/35.50 38.00/42.00 39.00/40.00 35.00/36.00	Eng. Units C C C C C C C C C C C C C	08 03:38:26 千千 Last Value 57:36 46.62 44.05 51.48 42.44 47.52 35.06 40.08 39.43 35.49

Trend Link for Fluke - [A2-0408-	4 - s2-0408cht]			_ 8 >
🔄 File Edit Curve Preference:	-			_ 8 >
🔗 🖆 🗹 🏧 🖜 V	👰 🌡 🧭 🎝 🌆 🗐			
3.5U 11.50	Band Bars			
11.50		and the second and th	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~
5.50		·····		
				~
2.50			<u>~~~~~~~~~~~~~~~</u> ~~~~~~~~~~~~~~~~~~~~~	
2.00			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	lin-aproxed and a second secon	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
9.50			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
Thu 04/04/08 05:05:27	下午 🖭 🛛 🛛	0:30:00	💽 Thu 04/04/	08 05:35:27 下午
ag Name	 Description	Scale Range	Eng. Units	Last Value
2-0408-4.set:0101	Ch1 TC	53.50/54.00	°C	53.71
2-0408-4.set:0103	Ch3 RAM1	41.50/42.00	°C	41.83
2-0408-4.set:0104	Ch4 RAM2	38.50/39.50	°C	39.11
2-0408-4.set:0105	Ch5 HDD	45.50/46.00	°C	45.85
2-0408-4.set:0107	Ch7 CD ROM	37.00/37.50	°C	37.34
2-0408-4.set:0109	Ch9 POWER	42.50/43.00	°C	42.82
2-0408-4.set:0110	Ch10 Ta1	29.00/31.00	°C	29.71
2-0408-4.set:0112	Ch12 Ta2	32.00/34.00	°C	32.76
2-0408-4.set:0113	Ch13 Ta3	33.00/35.00	*C	34.16
2-0408-4.set:0114	Ch14 Ta4	30.00/31.00	°C	30.47
2-0408-4.set:0115	Ch15 AGP	46.00/47.00	°C	46.28
2-0408-4.set:0116	Ch16 Ambient	29.50/30.50	°C	30.08
Foggle the display of the Bar	lu Bars/Scale Rariges			
Trend Link for Fluke - [A2-0408-	-5 - a2-0408cht]			_ 8
🔄 <u>F</u> ile <u>E</u> dit <u>C</u> urve <u>P</u> reference	s <u>U</u> tilities <u>W</u> indow <u>H</u> elp			_ 8
🔗 🖪 🗹 🏧 🖜 '	Y 🛒 👌 🛃 🌒 🕼 🔛 🛛			
8.75 5.75				
5.75 4.00			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
3.00				
3.50	·		<u> </u>	
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		~_~
	ᠳᢧᠧᢧ᠆᠆ᡧᠣ᠆ᠧᠧᡘᡣ᠅ᠬᢑᡊᡘᡊ᠆ᠧᢏᠵ᠆ᠬᠧ᠕᠂ᢣᠧ᠆ᠴᡘᡧ᠆ᡐᢞ ᠆ᠧ᠋᠋ᠧᡊᠽ᠆ᠽᠰᡘ᠊ᢦ᠆᠆᠆ᠧᡔ᠆ᡥᢑ᠕᠂ᢕ᠆᠆᠆᠆᠋ᡀᢩ᠕ᠱ᠆ᠽ	ᡧᡘᡄᠽᡊᡄᡘᠱᢦᢌᡒ᠆ᡐᢏᡄᢇᠧᢆᡟᡡ᠆ᡔ᠆ᢦᡘᢧᡣᠥ ᡶ᠕ᢣᠴᠴᠧ᠆ᢞᡐ᠆ᠿᡘ᠆ᡄᡄᠽᡘ᠇ᠬᠧ᠆᠁ᢤᡄ᠆᠆	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	******
3.50	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
4.50 <sup>]</sup>				
Thu 04/04/08 07:11:24		00:30:00	Thu 04/04	/08 07:41:24 下午
		Scale Range	Eng. Units	Last Value
ag Name	Description			
ag Name 2-0408-5.set:0101	Ch1 TC	58.75/59.25	тС Ф	58.96
ag Name 2-0408-5.set0101 2-0408-5.set0103	Ch1 TC Ch3 RAM1	58.75/59.25 45.75/46.25	°C	45.95
ag Name 2-0408-5.set0101 2-0408-5.set0103	Ch1 TC Ch3 RAM1 Ch4 RAM2	58.75/59.25 45.75/46.25 44.00/46.00	℃ ℃	45.95 45.16
ag Name 2-0408-5.set0101 2-0408-5.set0103 2-0408-5.set0104 2-0408-5.set0105	Ch1 TC Ch3 RAM1 Ch4 RAM2 Ch5 HDD	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00	℃ ℃ ℃	45.95 45.16 49.29
ag Name 2-0408-5.set0101 2-0408-5.set0103 2-0408-5.set0104 2-0408-5.set0105 2-0408-5.set0107	Ch1 TC Ch3 RAM1 Ch4 RAM2 Ch5 HDD Ch7 CD ROM	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00 39.50/40.50	°C °C °C °C	45.95 45.16 49.29 40.15
ag Name 2-0408-5.set0101 2-0408-5.set0103 2-0408-5.set0104 2-0408-5.set0105 2-0408-5.set0107 2-0408-5.set0109	Ch1 TC Ch3 RAM1 Ch4 RAM2 Ch5 HDD Ch7 CD ROM Ch9 POWER	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00 39.50/40.50 48.00/49.00	ೆ ರೆ ರೆ ರೆ ರೆ	45.95 45.16 49.29 40.15 48.57
ag Name 2-0408-5.set0101 2-0408-5.set0103 2-0408-5.set0104 2-0408-5.set0105 2-0408-5.set0107 2-0408-5.set0109 2-0408-5.set0110	Ch1 TC Ch3 RAM1 Ch4 RAM2 Ch5 HDD Ch7 CD ROM Ch9 POWER Ch10 Ta1	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00 39.50/40.50 48.00/49.00 38.00/39.00	ວ" ວ" ວີ ວີ ວີ ວີ	45.95 45.16 49.29 40.15 48.57 38.27
ag Name 2-0408-5.set0101 2-0408-5.set0103 2-0408-5.set0104 2-0408-5.set0105 2-0408-5.set0107 2-0408-5.set0109 2-0408-5.set0110 2-0408-5.set0112	Ch1 TC Ch3 RAM1 Ch4 RAM2 Ch5 HDD Ch7 CD ROM Ch9 POWER Ch10 Ta1 Ch12 Ta2	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00 39.50/40.50 48.00/49.00 38.00/39.00 41.00/42.00	ວ" ວີ ວີ ວີ ວີ ວີ	45.95 45.16 49.29 40.15 48.57 38.27 41.36
ag Name 2-0408-5.set0101 2-0408-5.set0103 2-0408-5.set0104 2-0408-5.set0105 2-0408-5.set0107 2-0408-5.set0109 2-0408-5.set0110 2-0408-5.set0112 2-0408-5.set0113	Ch1 TC           Ch3 RAM1           Ch4 RAM2           Ch5 HDD           Ch7 CD ROM           Ch9 POWER           Ch10 Ta1           Ch12 Ta2           Ch13 Ta3	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00 39.50/40.50 48.00/49.00 38.00/39.00 41.00/42.00 38.50/39.50	ວ" ວ" ວ" ວ" ວີ ວ" ວີ	45.95 45.16 49.29 40.15 48.57 38.27 41.36 39.39
ag Name 2-0408-5.set0101 2-0408-5.set0103 2-0408-5.set0104 2-0408-5.set0105 2-0408-5.set0105 2-0408-5.set0109 2-0408-5.set0110 2-0408-5.set0112 2-0408-5.set0113 2-0408-5.set0114	Ch1 TC           Ch3 RAM1           Ch4 RAM2           Ch5 HDD           Ch7 CD ROM           Ch9 POWER           Ch10 Ta1           Ch12 Ta2           Ch13 Ta3           Ch14 Ta4	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00 39.50/40.50 48.00/49.00 38.00/39.00 41.00/42.00 38.50/39.50 35.00/36.00	ວ່າ ວ່າ ວ່າ ວ່າ ວ່າ ວ່າ ວ່າ ວ່າ ວ່າ	45.95 45.16 49.29 40.15 48.57 38.27 41.36 39.39 35.52
ag Name         2-0408-5.set0101         2-0408-5.set0103         2-0408-5.set0104         2-0408-5.set0105         2-0408-5.set0105         2-0408-5.set0107         2-0408-5.set0107         2-0408-5.set0107         2-0408-5.set0110         2-0408-5.set0112         2-0408-5.set0112         2-0408-5.set0113         2-0408-5.set0114         2-0408-5.set0115         2-0408-5.set0116	Ch1 TC           Ch3 RAM1           Ch4 RAM2           Ch5 HDD           Ch7 CD ROM           Ch9 POWER           Ch10 Ta1           Ch12 Ta2           Ch13 Ta3	58.75/59.25 45.75/46.25 44.00/46.00 48.00/50.00 39.50/40.50 48.00/49.00 38.00/39.00 41.00/42.00 38.50/39.50	ວ" ວ" ວ" ວ" ວີ ວ" ວີ	45.95 45.16 49.29 40.15 48.57 38.27 41.36 39.39

Trend Link for Fluke - [A2-0409				_ 8
<u>File Edit Curve Preference</u>				_ 8
# <u># ¥ • :</u>	×🛒 🌡 🌌 🎙 🚾 🔛 🛛			
5.50 <sup>°</sup>	Band Bars	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
1.00		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
2.00				
507 waren w	ᢣᢉᡊᡙᡙᡗᠺᡙ᠆᠇ᡧᢩᡔᠰᡘᢦᡔ᠆᠊ᡐ᠆᠆ᡔᡔᠬᡏ᠋ᠥ᠆᠆ᢧ	᠆ᡔ᠆᠕ᡔᢧᢪᢛᠬ᠆᠆ᠵ᠕ᠰᠬᠴᡘᡙᢪ᠆᠆᠆᠕᠕ᡃᢇ᠋ᢩᢣᠬ	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
.00	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	www.when.when.when.when.when.when.when.w		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
1.00 <sup>°</sup> ]				
Fri 04/04/09 10:23:51		0:30:00	💽 🔚 Fri 04/04/0	09 10:53:51 上午
ag Name	Description	Scale Range	Eng. Units	Last Value
2-0409.set0101	Ch1 TC	57.75/58.00	°C	57.94
2-0409.set:0103	Ch3 RAM1	46.50/47.00	°C	46.86
-0409.set0104	Ch4 RAM2	44.00/45.00	°C	44.24
-0409.set:0105	Ch5 HDD	51.00/53.00	°C	52.11
-0409.set:0107	Ch7 CD ROM	42.00/43.00	°C	42.48
-0409.set:0109		47.50/48.00	°C	47.83
-0409.set:0110 -0409.set:0112	Ch10 Ta1 Ch12 Ta2	34.00/36.00 36.00/40.00	°C °C	35.29 38.16
-0409.set0112	Ch13 Ta3	41.00/41.50	*C	41.16
-0409.set0114	Ch14 Ta4	36.00/37.00	°C	36.37
-0409.set:0115	Ch15 AGP	50.00/52.00	°C	50.68
2-0409.set.0116 oggle the display of the Bau Trend Link for Fluke - [A2-0409	l-1 - s2-0409cht]	34.00/36.00	<del>ث</del>	
oggle the display of the Ba Trend Link for Fluke - [A2-0409	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp	34.00/36.00	°C	35.05 [#] [#]
oggle the display of the Bar Trend Link for Fluke - [A2-0409 File Edit Curve Preference	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		°C	B B
oggle the display of the Bar Trend Link for Fluke - [A2-0409 File Edit Curve Preference End Edit Curve Desterence End Edit Curve Preference End Edit Curve Preference	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		°C	
oggle the display of the Bar Trend Link for Fluke - (A2-0409 File Edit Curve Preference E E Edit Curve Preference E E E E E E E E E E E E E E E E E E E	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		*C	_ 0 _ 0
oggle the display of the Bar Trend Link for Fluke - [A2-0409 File Edit Curve Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp			_ 5 _ 5
oggle the display of the Bar       Trend Link for Fluke - [A2-0409]       Eile Edit Curve Preference       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P       P	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		*C	
oggle the display of the Bar Trend Link for Fluke - [A2-0409 File Edit Curve Preference Curve Prefe	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		*C	
Oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         Eile Edit Curve Preference         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P <tr< td=""><td>nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u>tilities <u>W</u>indow <u>H</u>elp</td><td></td><td>*C</td><td></td></tr<>	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		*C	
Oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P <tr< td=""><td>nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u>tilities <u>W</u>indow <u>H</u>elp</td><td></td><td>*C</td><td></td></tr<>	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		*C	
Oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P <tr< td=""><td>nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u>tilities <u>W</u>indow <u>H</u>elp</td><td></td><td>*C</td><td></td></tr<>	nd Bars/Scale Ranges -1 - a2-0409cht] -s <u>U</u> tilities <u>W</u> indow <u>H</u> elp		*C	
Oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P <tr< td=""><td>nd Bars/Scale Ranges</td><td></td><td></td><td></td></tr<>	nd Bars/Scale Ranges			
Trend Link for Fluke - (A2-0409) File Edit Qurve Preference Preference Prince Preference Prince Prince Preference Prince Prince Preference Prince Prince Preference Prince Prince Prince Preference Prince Prince Preference Prince Prince Prince Prince Preference Prince Prince	nd Bars/Scale Ranges			
oggle the display of the Bar         Trend Link for Fluke - [A2-0409         File Edit Curve Preference         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P	nd Bars/Scale Ranges			
Trend Link for Fluke - [A2-0409 File Edit Curve Preference	nd Bars/Scale Ranges	0.30.00 Scale Range		_ @ _ Ø
aggle the display of the Bar Trend Link for Fluke - [A2-0409 File Edit Curve Preference Preference File Converting Converting Converting Converting Converting Converting Converting Converting Converting Converting Converting Converting Convert	nd Bars/Scale Ranges	0.30.00 Scale Range 59.00/60.00		_ @ _   @ _   @ _   @   @   @   @   @   @   @   @   @   @   @   @   @   @   @   @
oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P         P <tr< td=""><td>nd Bars/Scale Ranges</td><td>0:30:00 Scale Range 59.00/60.00 48.00/50.00</td><td></td><td>_ _ _ _ _ _ _ _ _ _</td></tr<>	nd Bars/Scale Ranges	0:30:00 Scale Range 59.00/60.00 48.00/50.00		_ _ _ _ _ _ _ _ _ _
oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         Image: State	nd Bars/Scale Ranges	Image: Second system	Fri 04/04/i Eng. Units °C °C °C °C °C	_ _ _ _ _ _ _ _ _ _
oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         Image: State	nd Bars/Scale Ranges	Image: Sign of the second s	Fri 04/04// Eng. Units °C °C °C	_ _ _ _ _ _ _ _ _ _
Orggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         Image: State Stat	nd Bars/Scale Ranges	Image: State Range         Scale Range         59.00/60.00         48.00/50.00         44.00/48.00         52.00/54.00         44.00/46.00         48.00/50.00         48.00/50.00         44.00/46.00         48.00/50.00         50.00/60.00         44.00/46.00         48.00/50.00         36.00/40.00	■ Fri 04/04/4 Eng. Units *C *C *C	_ _ _ _ _ _ _ _ _ _
oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         Image: State	nd Bars/Scale Ranges	Image: State Range         Scale Range         59.00/60.00         48.00/50.00         44.00/48.00         52.00/54.00         44.00/46.00         48.00/50.00         36.00/40.00         36.00/40.00         40.00/44.00	Fri 04/04// Eng. Units     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C     C	_
oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         Image: State	nd Bars/Scale Ranges	Image: Second	Eng. Units <sup>1</sup> C <sup>1</sup> C	_
oggle the display of the Bar         Trend Link for Fluke - [A2-0409]         File Edit Curve Preference         Image: State	nd Bars/Scale Ranges	Image: Second	Eng. Units <sup>1</sup> C <sup>1</sup> C	_
oggle the display of the Bar Trend Link for Fluke - [A2-0409 File Edit Curve Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference Preference	nd Bars/Scale Ranges	Image: Second	Eng. Units <sup>1</sup> C <sup>1</sup> C	

Trend Link for Fluke - [A2-0409				_ 8
	es <u>U</u> tilities <u>W</u> indow <u>H</u> elp			_ 8
∄ ≝ 🗹 🏝 🦻	* 🛒 🕹 🌌 🔹 🔛			
50				 ^^
50			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
			······	
50				
	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
50 <mark>1</mark>				
		20.00.00		
Fri 04/04/09 03:08:29		00:30:00		09 03:38:29 下午
g Name	Description	Scale Range	Eng. Units	Last Value
0409-2.set:0101	Ch1 TC	54.00/56.00	°C	55.58
0409-2.set:0103	Ch3 RAM1	48.50/49.50	°C	49.19
0409-2.set:0104	Ch4 RAM2	44.50/45.50	*C	44.94
0409-2.set:0105	Ch5 HDD	50.00/51.00	°C	50.75
0409-2.set:0107	Ch7 CD ROM	40.50/41.50	°C	41.12
0409-2.set:0109	Ch9 POWER	45.50/46.50	°C	46.13
0409-2.set:0110	Ch10 Ta1	34.00/35.00	*C	34.70
0409-2.set0112	Ch12 Ta2	36.00/40.00	*C	37.62
0409-2.set0113	Ch13 Ta3	39.50/40.50	*C	40.38
0409-2.set0114	Ch14 Ta4 Ch15 AGP	35.00/36.00	*C *C	35.28
				50.91
		50.00/52.00		
-0409-2.set0115 -0409-2.set0116 Trend Link for Fluke - [A2-040] File Edit Curve Preferenc	Ch16 Ambient 9-3 - s2-0409cht]	34.50/35.50 Notes	°C AutoScale	35.12 Realtime
-0409-2.set.0116 Trend Link for Fluke - [A2-040 <u>File Edit Curve Preferenc</u>	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
-0409-2.set.0116 Trend Link for Fluke - [A2-0409	Ch16 Ambient 9-3 - s2-0409cht]	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116 Trend Link for Fluke - [A2-0409 File Edit Curve Preferenc P 🖆 🏹 🌉 🗩	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116 Trend Link for Fluke - [A2-0409 File Edit Curve Preferenc P E I I I I I I I I I I I I I I I I I I	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116 Trend Link for Fluke - [A2-040] File Edit Curve Preferenc P P P P P P P P P P P P P P P P P P P	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116 Trend Link for Fluke - [A2-040] File Edit Curve Preferenc P P P P P P P P P P P P P P P P P P P	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116 Frend Link for Fluke - [A2-040] File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116	Ch16 Ambient 9-3 - s2-0409cht] es Utilities <u>Win</u> dow <u>H</u> elp	34.50/35.50	°C	35.12 Realtime
0409-2.set.0116	Ch16 Ambient	34.50/35.50 Notes	*C AutoScale	35.12 Realtime
0409-2.set.0116	Ch16 Ambient	34.50/35.50 Notes	*C AutoScale	35.12 Realtime
0409-2.set0116 frend Link for Fluke - [A2-040] File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	Ch16 Ambient P-3 - s2-0409cht] es Utilities Window Help V S C C C C C C C C C C C C C	34.50/35.50 Notes	*C AutoScale	35.12 Realtime 
0409-2.set.0116 Frend Link for Fluke - [A2-0409 File Edit Curve Preference File Edi	Ch16 Ambient P-3 - s2-0409cht] es Utilities Window Help V S C C C C C C C C C C C C C	34.50/35.50 Notes	*C AutoScale	35.12 Realtime 
0409-2.set.0116	Ch16 Ambient	34.50/35.50 Notes	*C AutoScale	35.12 Realtime 
0409-2.set.0116	Ch16 Ambient P-3 - e2-0409cht] es Utilities Window Help V V Ch1 C Ch1 TC Ch3 RAM1 Ch4 RAM2	34.50/35.50 Notes	*C AutoScale	35.12 Realtime 
0409-2.set0116	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 
0409-2.set0116	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 
0409-2.set0116	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 
0409-2.set0116 Trend Link for Fluke - [A2-0409 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 
0409-2.set0116 Trend Link for Fluke - [A2-0409 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 
0409-2.set0116 Trend Link for Fluke - [A2-0409 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 
0409-2.set0116 Trend Link for Fluke - [A2-0409 File Edit Curve Preference P P P P P P P P P P P P P P P P P P P	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 
-0409-2.set0116 Trend Link for Fluke - [A2-0409 Eile Edit Curve Preference P P P P P P P P P P P P P P P P P P P	Ch16 Ambient	34.50/35.50 Notes Notes	*C AutoScale	35.12 Realtime 



The view of thermocouples connections.
The view of CAG 1.1 (the diameter of guide is enlarged) The tested unit is a Prototype
The view of CPU Vents - before Engineering Change for CAG1.1. Called CAG1.0, i.e. the design meets CAG design guide rev.1.0 In this test, we used a modified side cover which some with some vents on PCI area that got the same concept as CAG1.1.
The view of CPU Vents & PCI Vents, meet CAG 1.1 (bigger Air Guide venting area and add vents for AGP, PCI area)