

## TESTING / INSPECTION REPORT

DATE : September 20, 2005  
REPORT NO : VT-050920-5

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SPECIMEN : AEC-6900 (with CFD)

TEST / INSPECTION ITEMS : Vibration Test (See Page 2)

### REMARKS :

- The results only apply to the device under test.
- This report is 8 pages, and no part of it may be abstracted or reproduced.
- Attached pages are controlling frequency spectrum of vibration test.

Test Engineer : <i>King Kuo</i>	
Approved by : <i>David Lee</i>	Laboratory Head : <i>Chipping Chan</i>



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### TESTING EQUIPMENT:

- |                          |  |
|--------------------------|--|
| 1. Vibration Tester      | : KING DESIGN (KD-9363EM-1000F2K-50N120,<br>S/N : GUG02102091) |
| 2. Controller            | : DACTRON (FRONT-End Box, S/N: 7459933)                        |
| 3. Control Accelerometer | : Wilcoxon Research (WR-777 , S/N:4207)                        |
| 4. Vibration Tester      | : KING DESIGN (KD-9363EM-600F2K-50N120,<br>S/N : KDS11054783)  |
| 5. Controller            | : DACTRON (FRONT-End Box, S/N: 5250251)                        |
| 6. Control Accelerometer | : Wilcoxon Research (WR-777 , S/N:4208)                        |

### TEST ENVIRONMENT :

- |             |             |
|-------------|-------------|
| Temperature | : 20±2°C    |
| Humidity    | : 70±20% RH |

### SPECIMEN :

- |          |                       |
|----------|-----------------------|
| Model    | : AEC-6900 (with CFD) |
| Quantity | : 2 pieces            |

### VIBRATION TEST SPECIFICATION :

- |                                   |                    |
|-----------------------------------|--------------------|
| Random vibration test (Operation) |                    |
| Frequency                         | : 5~500 Hz         |
| Acceleration                      | : 5 g rms          |
| Test Axis                         | : X, Y, Z axis     |
| Test Time                         | : 1 hr (Each axis) |
| Total Test Time                   | : 3 hrs            |

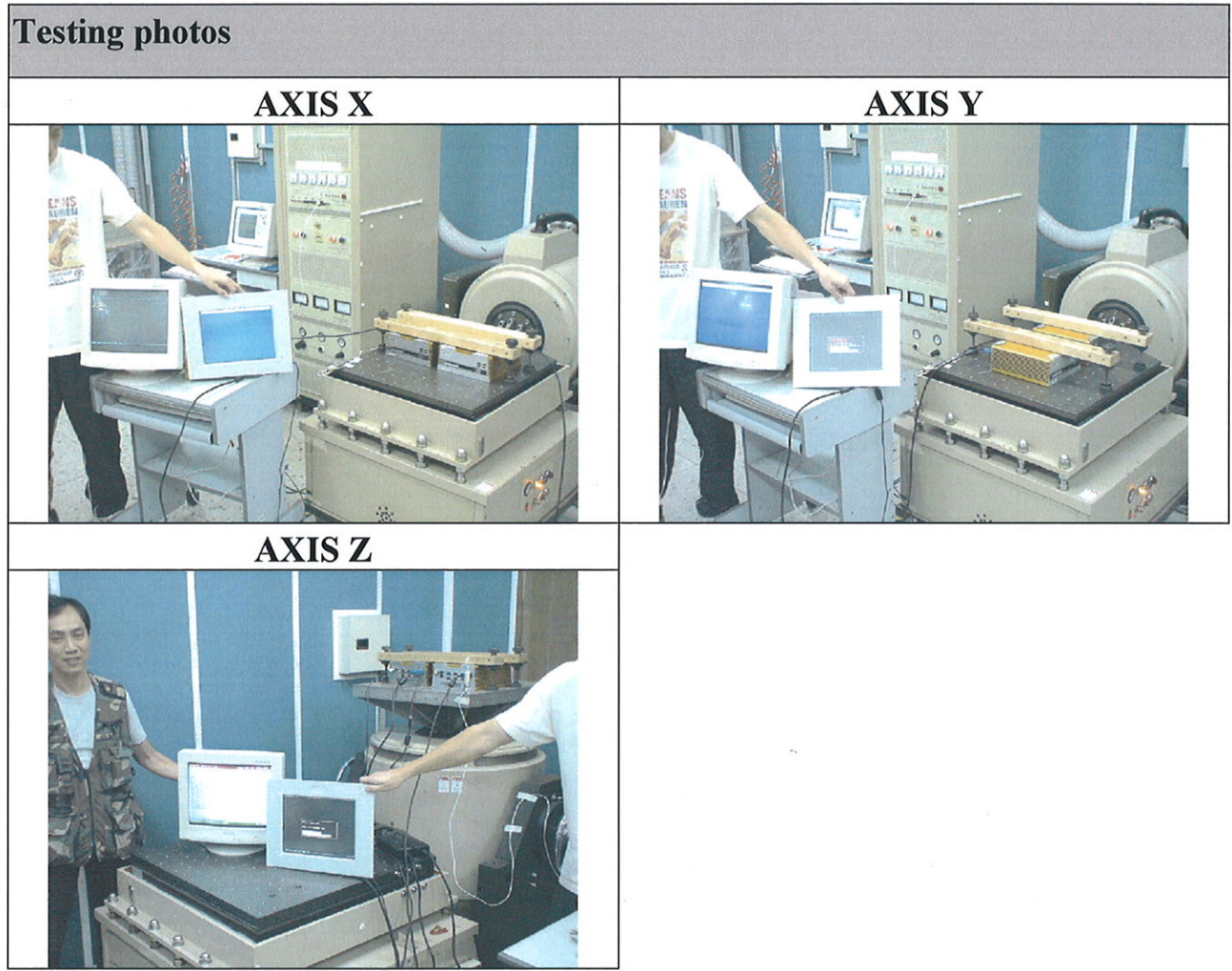
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TEST RESULT :

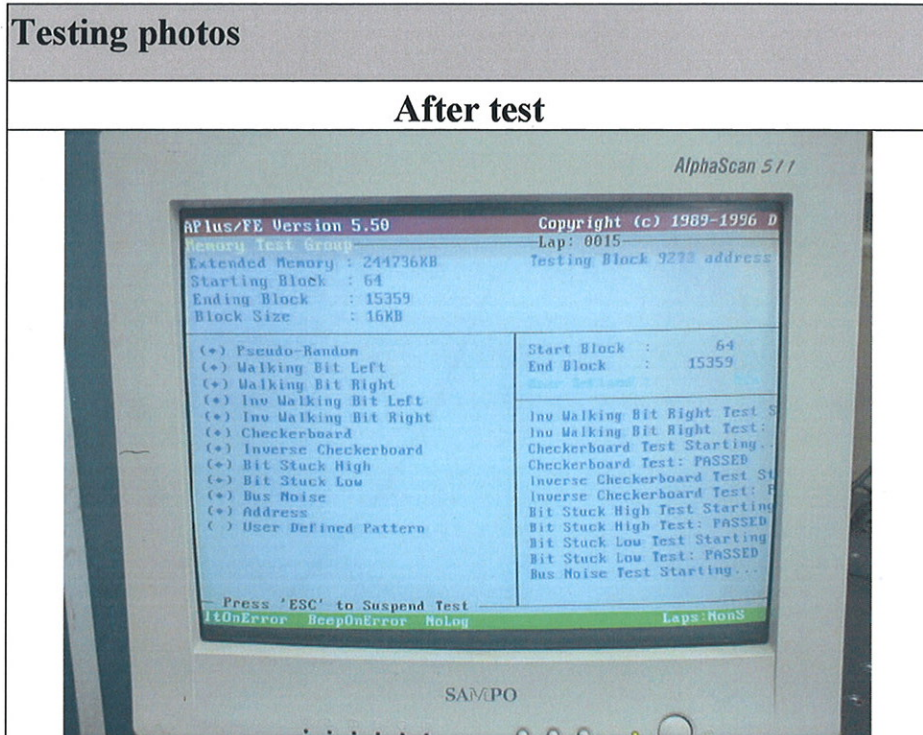
Describe	PASS	FAIL	Non-Judgment <sup>(1)</sup>
Function judgment	---	---	√
Appearance check	---	---	√
(1)--This test report record object test procedure and environment, not including test result.			



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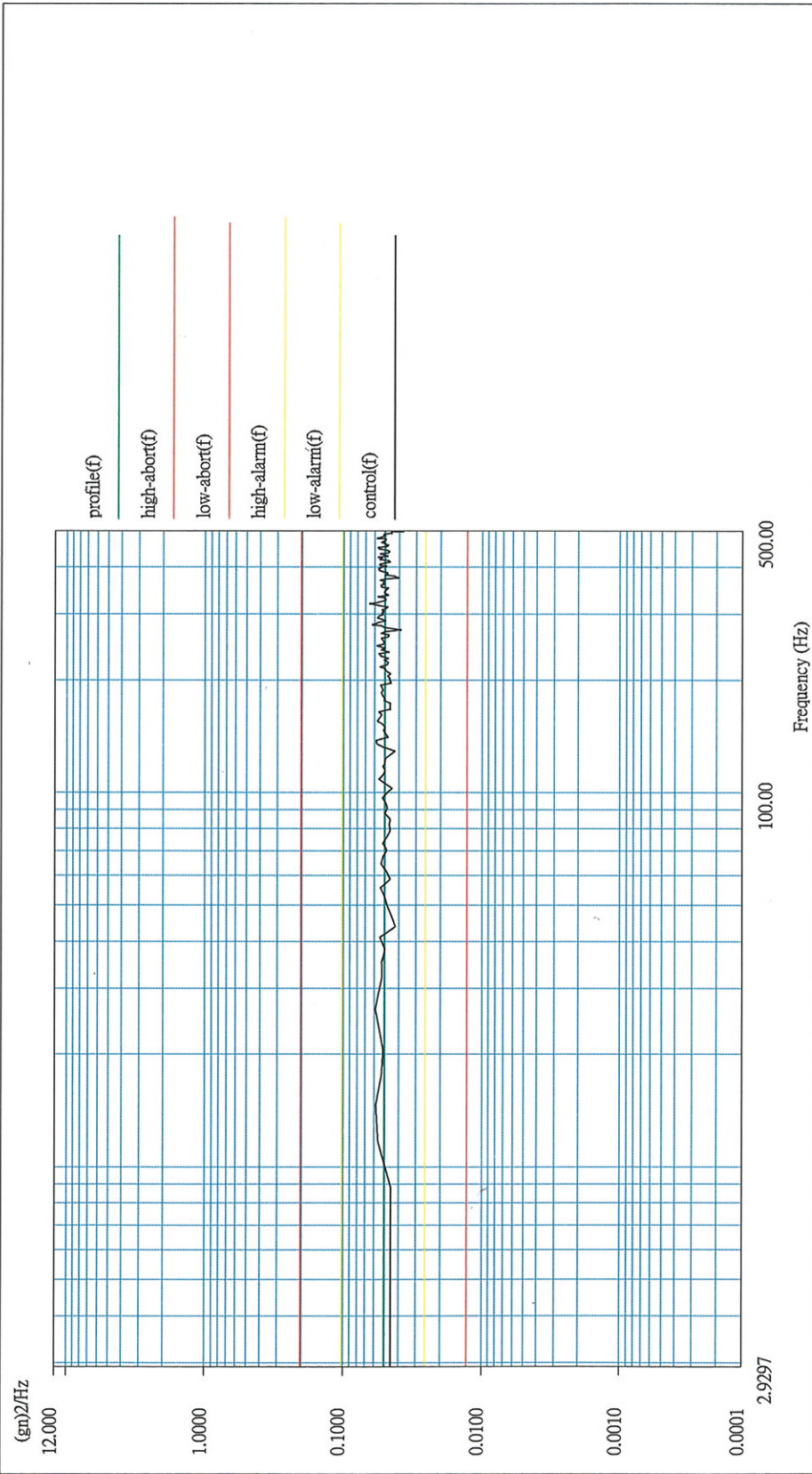




Axis X

Project File Name: 研揚 5-500Hz 5grms.prj

Profile Name: Test Type:Random Run Folder: .\RunDefault Sep 16,2005 11-17-06



Level: 100 %

Control RMS: 5.032314 gn Full Level Elapsed Time: 01:00:00 Lines: 225 Frame Time: 0.341333 Seconds

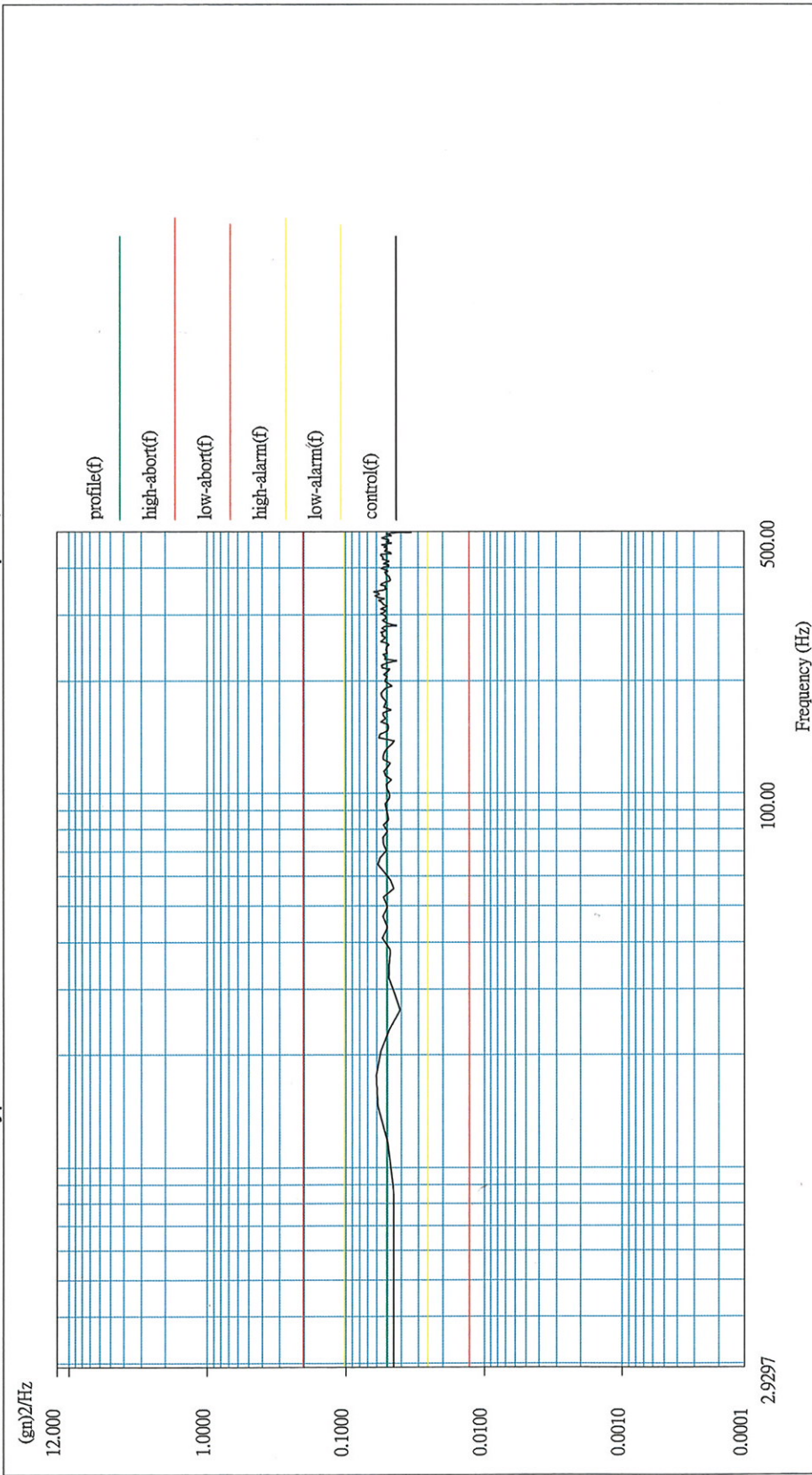
Demand RMS: 5.007951 gn Remaining Time: 00:00:00 DOF: 154 dF: 2.929688 Hz

Data saved at 11:20:10 AM, Friday, September 16, 2005 Report created at 11:20:15 AM, Friday, September 16, 2005

Axis y

Project File Name: 研揚 5-500Hz 5grms.prj

Profile Name: Test Type: Random Run Folder: .\RunDefault Sep 16, 2005 11-26-32



Level: 100 %

Control RMS: 5.066289 gn Full Level Elapsed Time: 01:00:00 Lines: 225 Frame Time: 0.341333 Seconds

Demand RMS: 5.007951 gn Remaining Time: 00:00:00 DOF: 154 dF: 2.929688 Hz

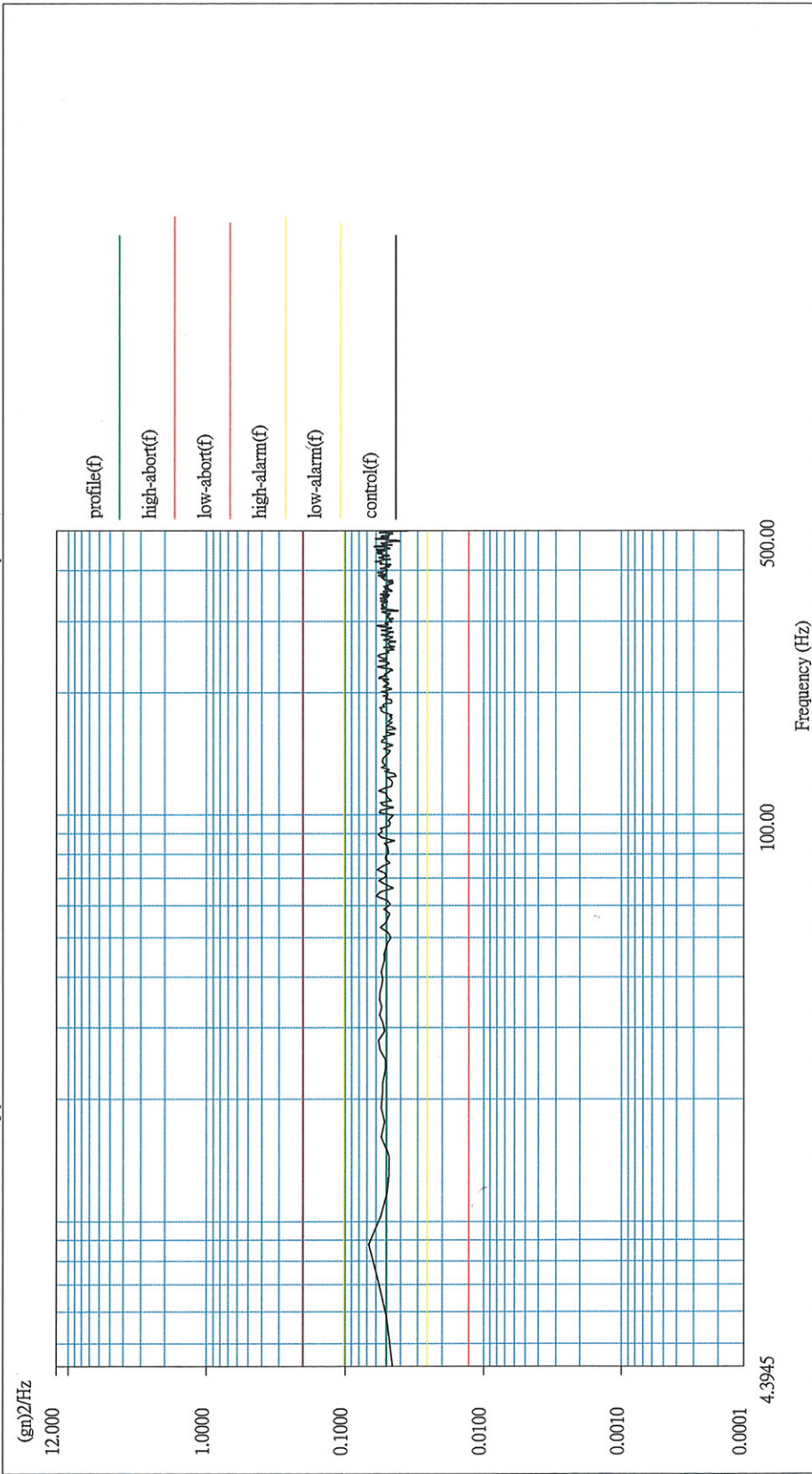
Data saved at 12:27:15 PM, Friday, September 16, 2005 Report created at 12:27:20 PM, Friday, September 16, 2005



Axis Z

Project File Name: 研揚 5-500Hz 5grms.prj

Profile Name: Test Type:Random Run Folder: .\RunDefault Sep 16,2005 14-44-06



Level: 100 %

Control RMS: 5.098211 gn Full Level Elapsed Time: 00:59:59 Lines: 450 Frame Time: 0.682667 Seconds

Demand RMS: 5.004252 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.464844 Hz

Data saved at 03:44:58 PM, Friday, September 16, 2005 Report created at 03:45:00 PM, Friday, September 16, 2005