

GLAT 1847
 1848
 1849

Appendix A – Accelerometer Sensitivities

TEM-TPS



GLAST LAT Project GASU/PDU Vibration Testing
 Accelerometer Sensitivities and Charge Amp Settings

Accel. #	Ch. #	S/N	Model	Sensitivity [pC/g]	F.S. Range [g]	Tape Gain [mV]	Sensitivity [mV/g]
CZ1		13048	2271AW20	12.43	3	3000	1000
AZ1	3	AHKB25	2226C	3.030	30	3000	100
AZ2	6	16139	2226C	3.038	30	3000	100
AZ3	10	16139	2226C	3.027	30	3000	100
CX1		13048	2271AW20	12.43	3	3000	1000
AX1	3	16139	2226C	3.030	30	3000	100
AX2	6	AHKB2	2226C	3.038	30	3000	100
AX3	10	16139	2226C	3.027	30	3000	100
CY1		13048	2271AW20	12.43	3	3000	1000
AY1	3	AHKB25	2226C	3.030	30	3000	100
AY2	6	16139	2226C	3.038	30	3000	100
AY3	10	16139	2226C	3.027	30	3000	100

Appendix B – Test Log

1849
GLAT 1848
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GLAST LAT Project TEM/TPS Vibration Testing

Test Log

Date	Time	Unit #	Axis	Sine or Random	Level [g]/[grms]	Frequency [Hz]	File Name	Remarks
7/28	1:50	1848	Z	SIN-PRE	0.15	5-2000		
	2:00	1848	Z	Random	6.8	5-2000		
	2:15	1848	Z	SIN-Post	0.15	5-2000		
	2:35	1847	Z	SIN-Pre	0.15	5-2000		
	2:45	1847	Z	Random	6.8	5-2000		
	3:00	1847	Z	SIN-Post	0.15	5-2000		
	3:40	1847	X	SIN-PRE	0.15	5-2000		
	3:50	1847	X	Random	6.8	5-2000		
	4:05	1847	X	SIN-Post	0.15	5-2000		
	4:20	1847	Y	Pre	0.15	"		
	4:30	1847	Y	Random	6.8			
	4:50	1847	Y	Post	0.15			
	5:10	1848	X	Pre	0.15			
	5:20	1848	X	Random	6.8			
	5:30	1848	X	Post	0.15			
	5:40	1848	Y	Pre	0.15			
	5:50	1848	Y	Random	6.8			
	6:00	1848	Y	Post	0.15			
7/2	9:30	1849	X	Pre	0.15			Noise on ch 10 - chg
	9:45	1849	X	Pre	0.15			cable - chg charge amp.
	9:55	1849	X	Pre	0.15			
	10:10	1849	X	Random	6.8			
	10:25	1849	X	Post	0.15			
	10:50	1849	Y	Pre	0.15			
	11:00	1849	Y	Random	6.8			
	11:10	1849	Y	Post	0.15			freq. shift 424 → 397 Hz.
	11:25	1849	Y	Post	0.15		retorque = 403 Hz	retorque & retest low level sin
	12:30	1849	Z	Pre	0.15			
	12:40	1849	Z	Random	6.8			
	12:50	1849	Z	Post	0.15			

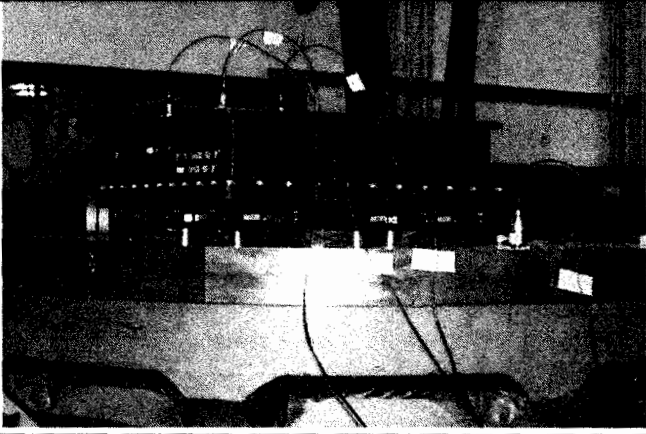
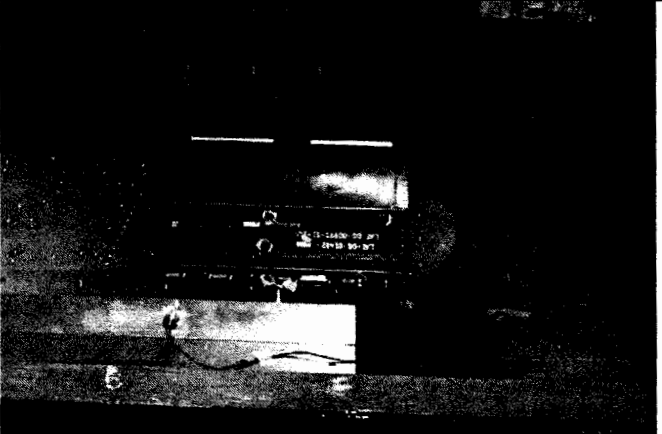

Appendix D – Test Data Package Checklist



GLAST LAT Project GASU/PDU Vibration Testing
Qualification/Acceptance Test Data Package Checklist
 (Items supplied by Wyle Labs at end of test)

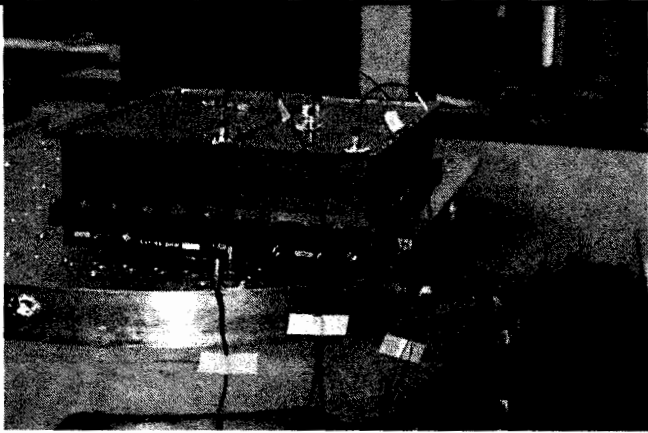
Item	✓	Description / Location
1	[Signature]	Calibrated Equipment List
2	[Signature]	Vibration Test plots (Pre- and Post test signature overlays and random vibration test data for Z, X, and Y axes)
3	[Signature]	Electronic Data in UFF or equivalent format, if available
4	[Signature]	Photographs of test setup
5	[Signature]	Procedure data sheets (Appendices A, B, and C)
6	N/A	Visual Inspection Report
7	N/A	Test Control System Software Setup Sheets

TEST DATA

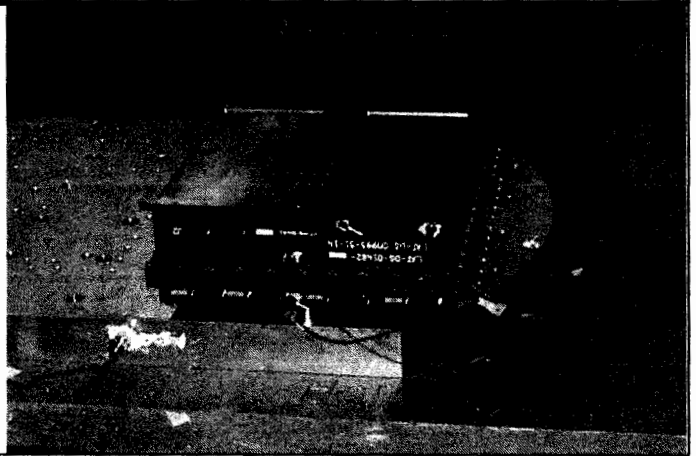
DATE STARTED 07-28-05	CUSTOMER Stanford Linear Accelerator	TECHNICIAN (SIGNATURE) <i>D. Wiltschko</i> T-21
DATE COMPLETED 07-29-05	SPECIMEN DESCRIPTION TEM & TPS { See Initial Visual }	ENGINEER (SIGNATURE) <i>M. Heddleston</i>
TEMPERATURE 73°F	TYPE OF TEST SET-UP - Detail	ENGINEER <i>M. Heddleston</i>
HUMIDITY 41%R.H.	MANUFACTURER Stanford Linear Accelerator	JOB NUMBER 49995.52115
SPECIMEN NUMBER 1 - 3	TEST SPECIFICATION See Vibration Data	
		
Z - Axis		X - Axis
		
Y - Axis		

TEST DATA

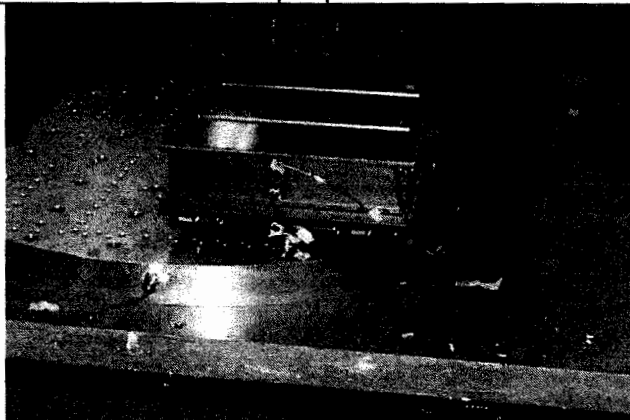
DATE STARTED 08-02-05	CUSTOMER Stanford Linear Accelerator	TECHNICIAN (SIGNATURE) <i>D. Wiltshire</i> ASC T-21
DATE COMPLETED 08-02-05	SPECIMEN DESCRIPTION TEM & TPS { See Initial Visual }	ENGINEER (SIGNATURE) <i>S. MacChesney</i> ASC Q-02
TEMPERATURE 74°F	TYPE OF TEST SET-UP - Detail	ENGINEER <i>S. MacChesney</i>
HUMIDITY 38% R.H.	MANUFACTURER Stanford Linear Accelerator	JOB NUMBER 49995.52129
SPECIMEN NUMBER 1	TEST SPECIFICATION See Vibration Data	



Z - Axis



X - Axis



Y - Axis



TEST DATA

DATE STARTED 07-28-05		CUSTOMER Stanford Linear Accelerator			TECHNICIAN (SIGNATURE) <i>D. Wiltshire</i> [Stamp: MSC 7-21]	
DATE COMPLETED 07-29-05		SPECIMEN DESCRIPTION TEM / TPS { See Initial Visual }			ENGINEER (SIGNATURE) <i>M. Heddleston</i>	
TEMPERATURE 73°F		TYPE OF TEST VIBRATION - Sine and Random – Non-Op.			ENGINEER <i>M. Heddleston</i>	
HUMIDITY 41% R.H.		MANUFACTURER Stanford Linear Accelerator			JOB NUMBER 49995.52115	
SPECIMEN NUMBER 1 - 3		TEST SPECIFICATION SLAC LAT-TD-05649 & Customer Instruction				
SPECIMEN NUMBER	DATE	AXIS	TIME START	TIME STOP	VIBRATION FREQUENCIES AND LEVELS	REMARKS
1	07-28-05	Z	1341	+0:04:18	⁵ 20 _{8w} - 2000Hz @ 0.15g 2 octaves / minute 1 sweep up / axis	Sine Search
1			1359	+0:01:02		Random Accept.
1			1409	+0:04:18		Sine Search
2			1435	+0:04:18	Random – Accept. 20Hz @ 0.01 G ² /Hz 80 - 500Hz @ 0.04 G ² /Hz 2000Hz @ 0.01 G ² /Hz 6.79 Grms overall 1 minute / axis	Sine Search
			1448	+0:01:01		Random Accept.
		Z	1457	+0:04:18		Sine Search
		X	1551	+0:04:18	Sine Search	
			1603	+0:01:00	Random Accept.	
		X	1611	+0:04:18	Sine Search	
		Y	1629	+0:04:18	Sine Search	
			1640	+0:01:00	Random Accept.	
2			1646	+0:04:18	Sine Search	
1			1703	+0:04:18	Sine Search	
1	07-28-05	Y	1715	+0:01:00	Random Accept.	



TEST DATA

DATE STARTED 07-28-05		CUSTOMER Stanford Linear Accelerator			TECHNICIAN (SIGNATURE) <i>D. Wiltshire</i> MSC T-21	
DATE COMPLETED 07-29-05		SPECIMEN DESCRIPTION TEM / TPS { See Initial Visual }			ENGINEER (SIGNATURE) <i>M. Heddleston</i>	
TEMPERATURE 73°F		TYPE OF TEST VIBRATION - Sine and Random – Non-Op.			ENGINEER <i>M. Heddleston</i>	
HUMIDITY 41% R.H.		MANUFACTURER Stanford Linear Accelerator			JOB NUMBER 49995.52115	
SPECIMEN NUMBER 1 - 3		TEST SPECIFICATION SLAC LAT-TD-05649 & Customer Instruction				
SPECIMEN NUMBER	DATE	AXIS	TIME START	TIME STOP	VIBRATION FREQUENCIES AND LEVELS	REMARKS
1	07-28-05	Y	1720	+0:04:18	20 ⁵ Sine - Search 20 - 2000Hz @ 0.15g 2 octaves / minute 1 sweep up / axis	Sine Search
		X	1733	+0:04:18		Sine Search
		X	1742	+0:01:00		Random Accept.
1	07-28-05	X	1748	+0:04:18	Random – Accept. 20Hz @ 0.01 G ² /Hz 80 - 500Hz @ 0.04 G ² /Hz 2000Hz @ 0.01 G ² /Hz 6.79 Grms overall 1 minute / axis	Sine Search
						Note: Specimens were returned to customer for a post test evaluation



TEST DATA

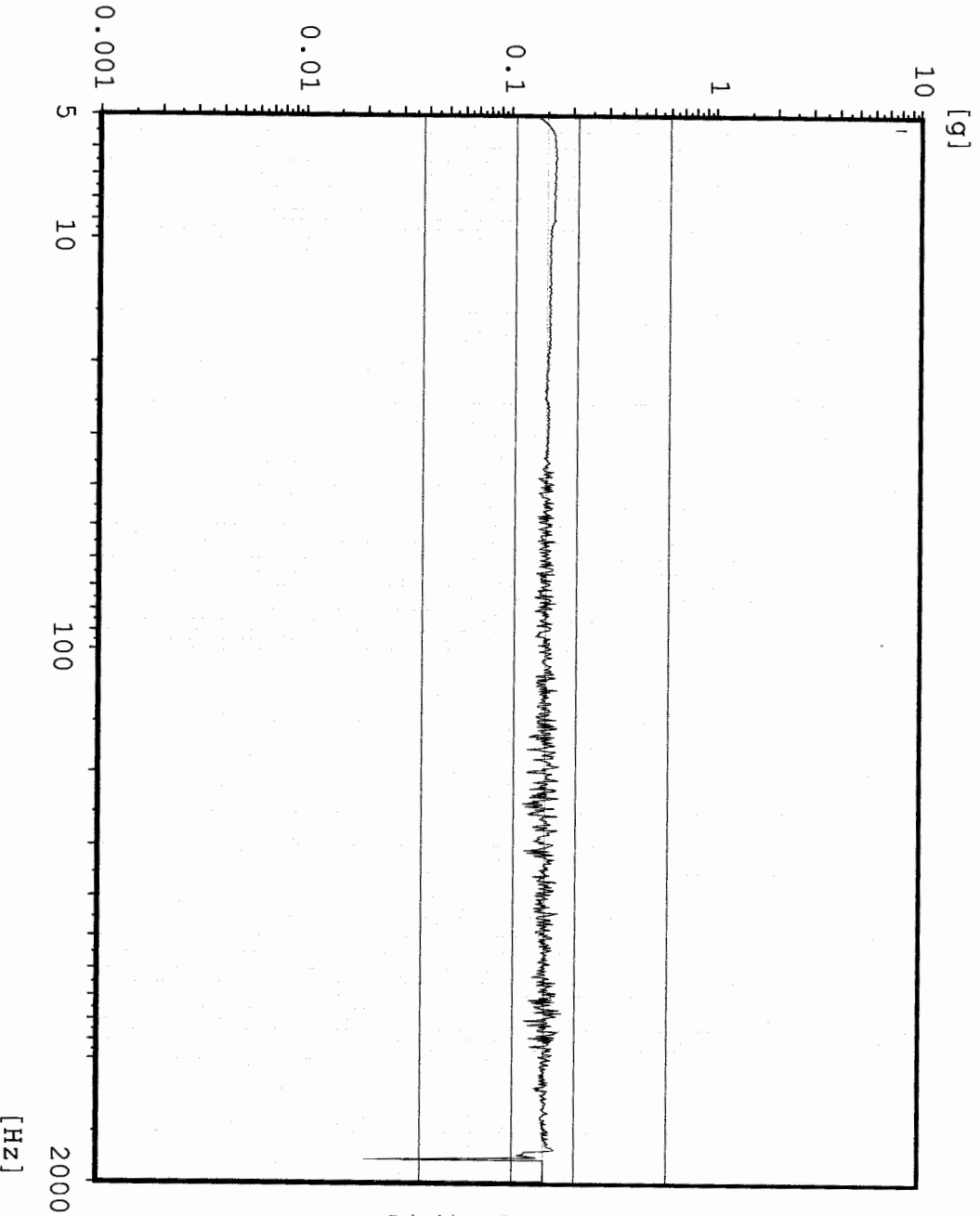
DATE STARTED 08-02-05		CUSTOMER Stanford Linear Accelerator			TECHNICIAN (SIGNATURE) <i>D. Wittahie</i> WSC T-21	
DATE COMPLETED 08-02-05		SPECIMEN DESCRIPTION TEM / TPS { See Initial Visual }			ENGINEER (SIGNATURE) <i>S. MacClesley</i> WSC Q-02	
TEMPERATURE 74°F		TYPE OF TEST VIBRATION - Sine and Random – Non-Op.			ENGINEER <i>S. MacClesley</i>	
HUMIDITY 38% R.H.		MANUFACTURER Stanford Linear Accelerator			JOB NUMBER 49995.52129	
SPECIMEN NUMBER 1		TEST SPECIFICATION SLAC LAT-TD-05649 & Customer Instruction				
SPECIMEN NUMBER	DATE	AXIS	TIME START	TIME STOP	VIBRATION FREQUENCIES AND LEVELS	REMARKS
1	08-02-05	X	0922	+0:04:12	Sine - Search 20 - 2000Hz @ 0.15g 2 octaves / minute 1 sweep up / axis Random – Accept. 20Hz @ 0.01 G ² /Hz 80 - 500Hz @ 0.04 G ² /Hz 2000Hz @ 0.01 G ² /Hz 6.79 Grms overall 1 minute / axis	Sine Search;repeat,bad charge amp
		X	1003	+0:04:18		Sine Search
		X	1019	+0:01:00		Random Accept.
		X	1024	+0:04:18		Sine Search
		Y	1047	+0:04:18		Sine Search
		Y	1058	+0:01:00		Random Accept.
		Y	1106	+0:04:18		Sine Search;repeat,retorqued bolts
		Y	1121	+0:04:18		Sine Search
		Z	1223	+0:04:18		Sine Search
		Z	1235	+0:01:01		Random Accept.
1	08-02-05	Z	1243	+0:04:18		Sine Search
						Note:No external physical damage noted due to this test.

Sine CX1 X-Axis Control

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 1
Chan.type: CW Filtered
Sweep type: logarithmic
Sweeps done: 0
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:12
remaining: 000:00:05

Date: 08-02-05
Time: 09:27:29

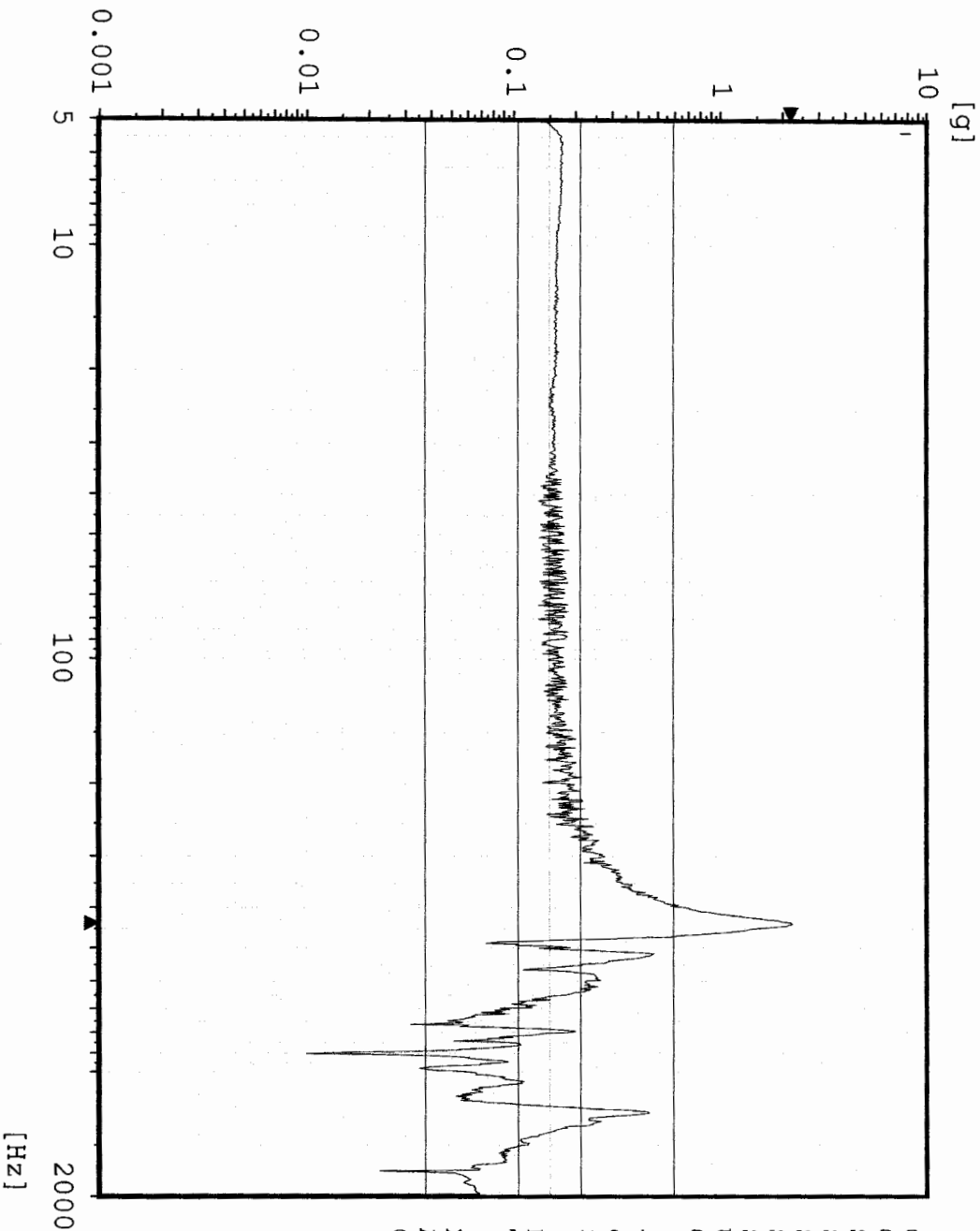
X - axis Pre Random
Acceptance Unit
GLAT 1849

Sine AX3 TPS top center

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 2 M Filtered
 Chan.type: logarithmic
 Sweep type: 0
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

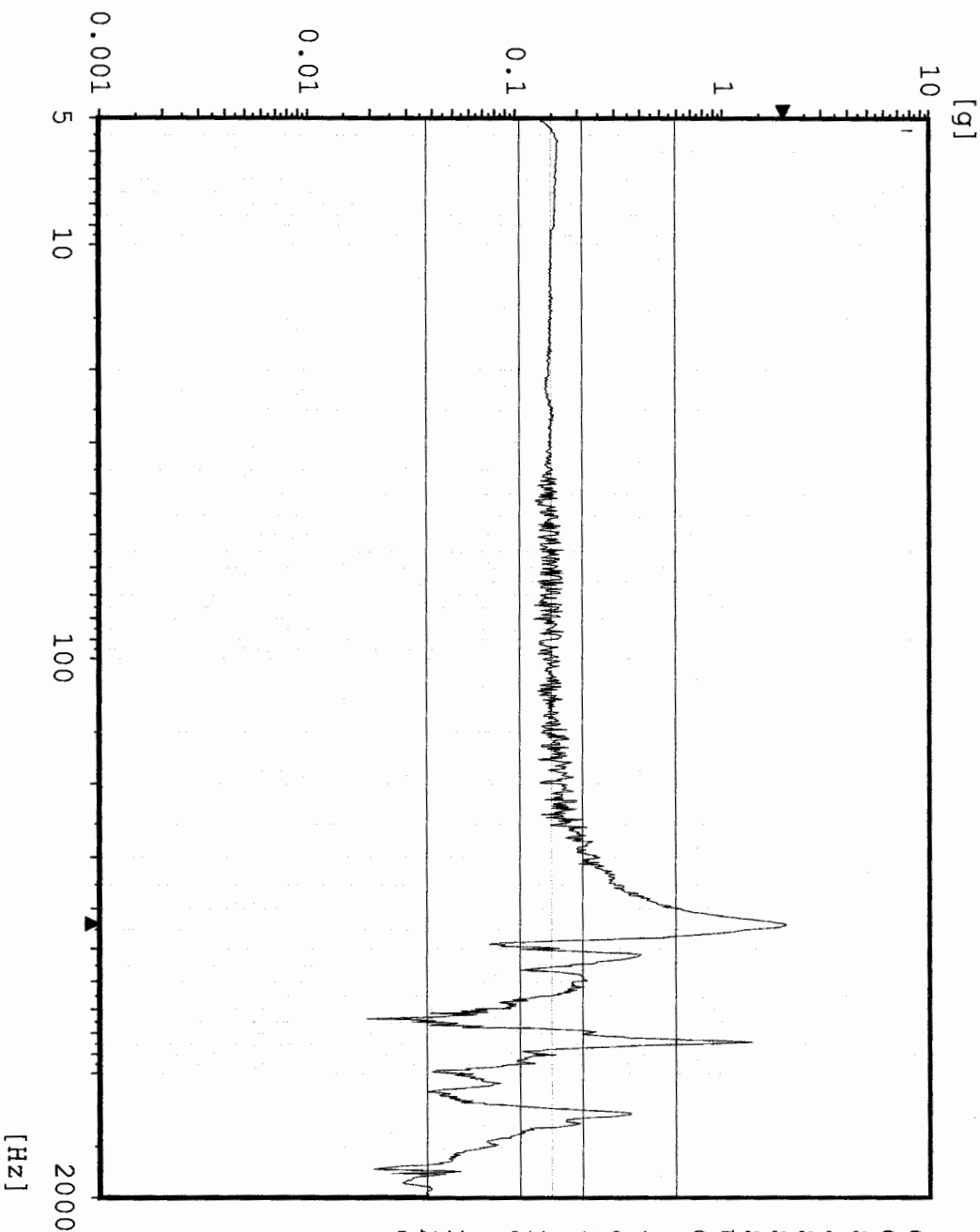
-- Testing time --
 elapsed: 000:04:12
 remaining: 000:00:05

Date: 08-02-05
 Time: 09:27:29

X - axis Pre Random
 Acceptance Unit
 GLAT 1849

Sine AX4 TPS top edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 3
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 0
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:12
remaining: 000:00:05

Date: 08-02-05
Time: 09:27:29

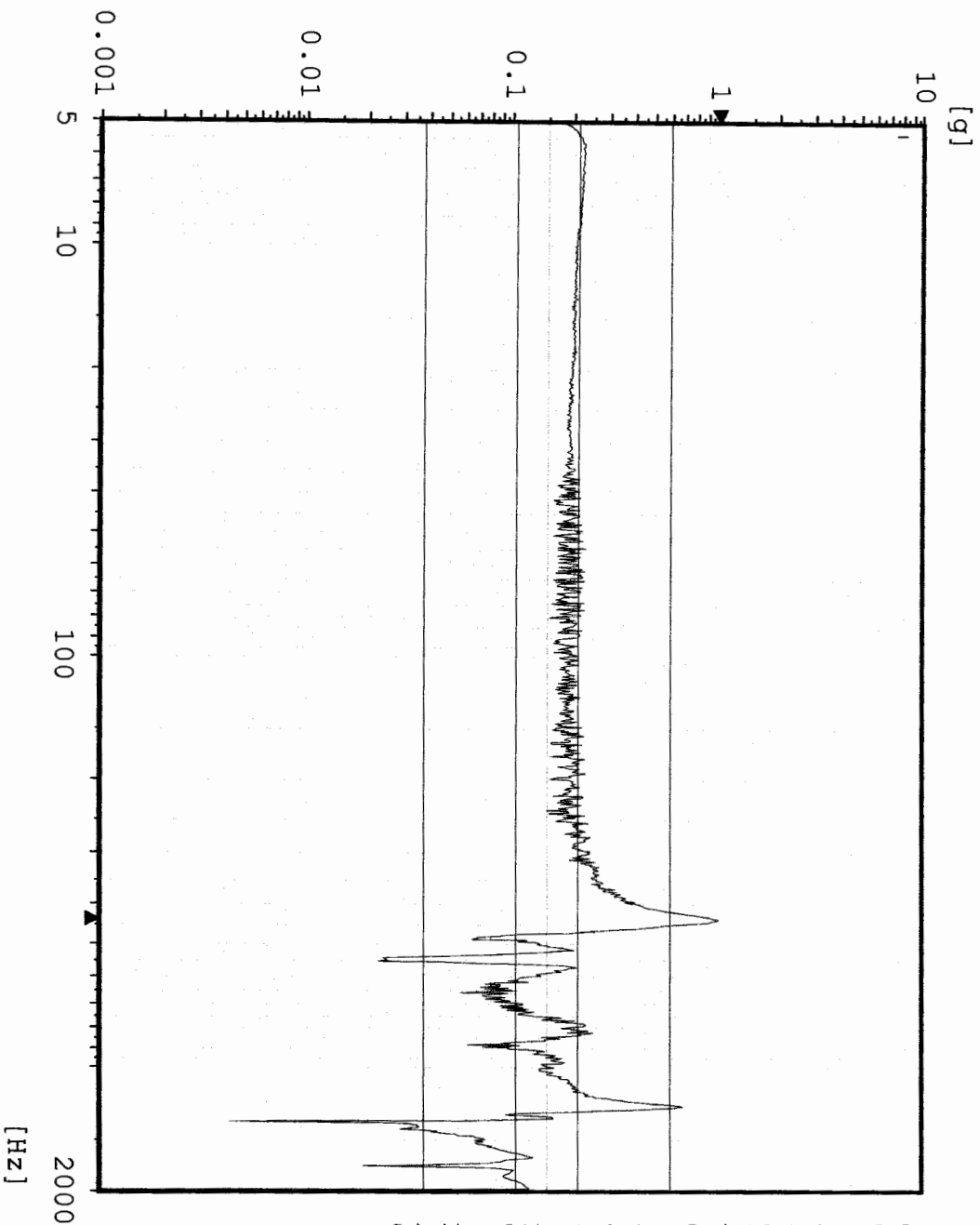
X - axis Pre Random
Acceptance Unit
GIAT 1849
  
```

Sine AX1 TEM center edge

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 5
 Chan.type: M Filtered
 Sweep type: logarithmic
 Sweeps done: 0
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:12
 remaining: 000:00:05

Date: 08-02-05
 Time: 09:27:29

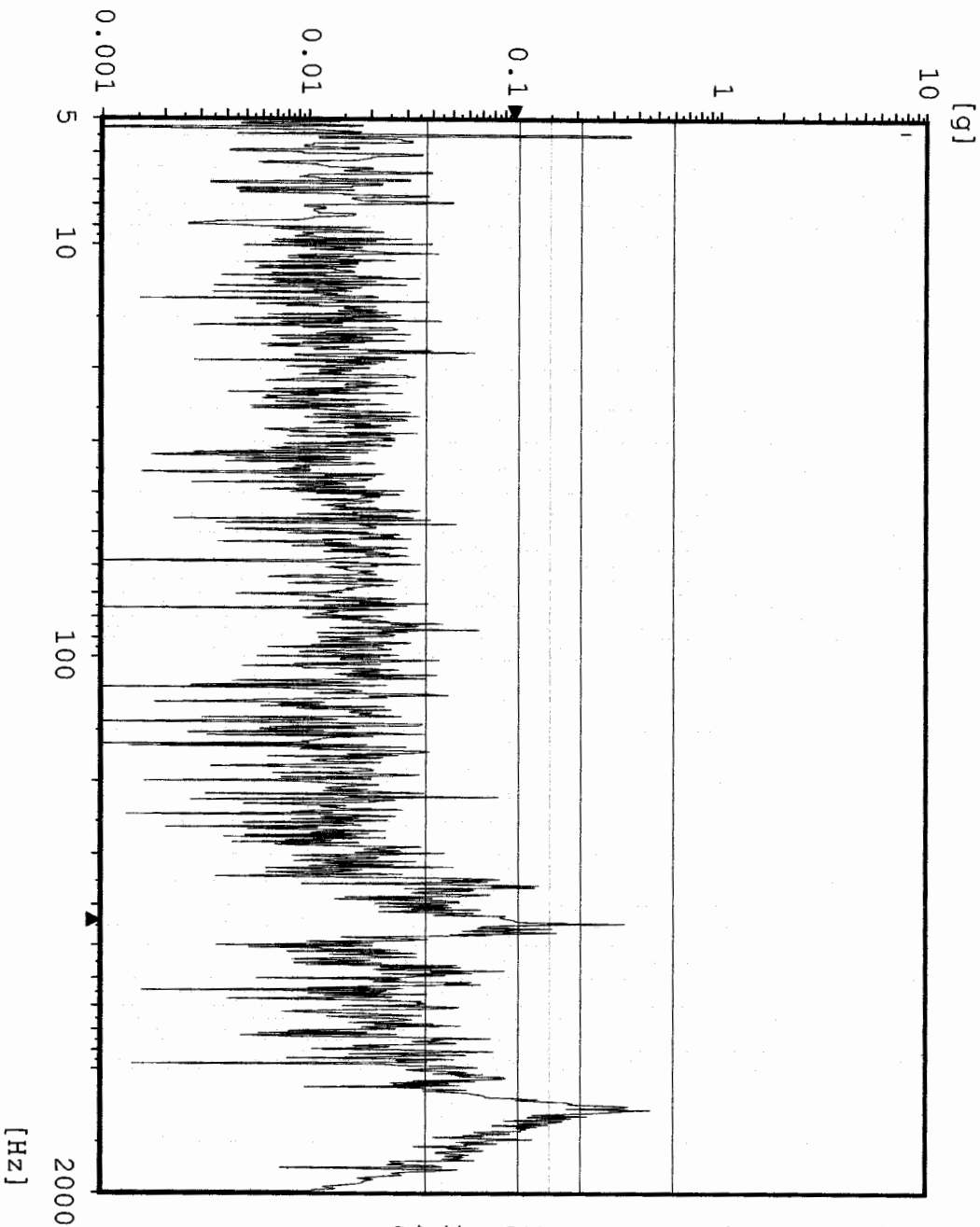
X - axis Pre Random
 Acceptance Unit
 GLAT 1849

Sine

AX2 TPS CG

Stanford Linear Accelerator
J/N 49995.52129

TEM / TPS



Chan.no: 10
 Chan.type: M Filtered
 Sweep type: logarithmic
 Sweeps done: 0
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:12
 remaining: 000:00:05

Date: 08-02-05
 Time: 09:27:29

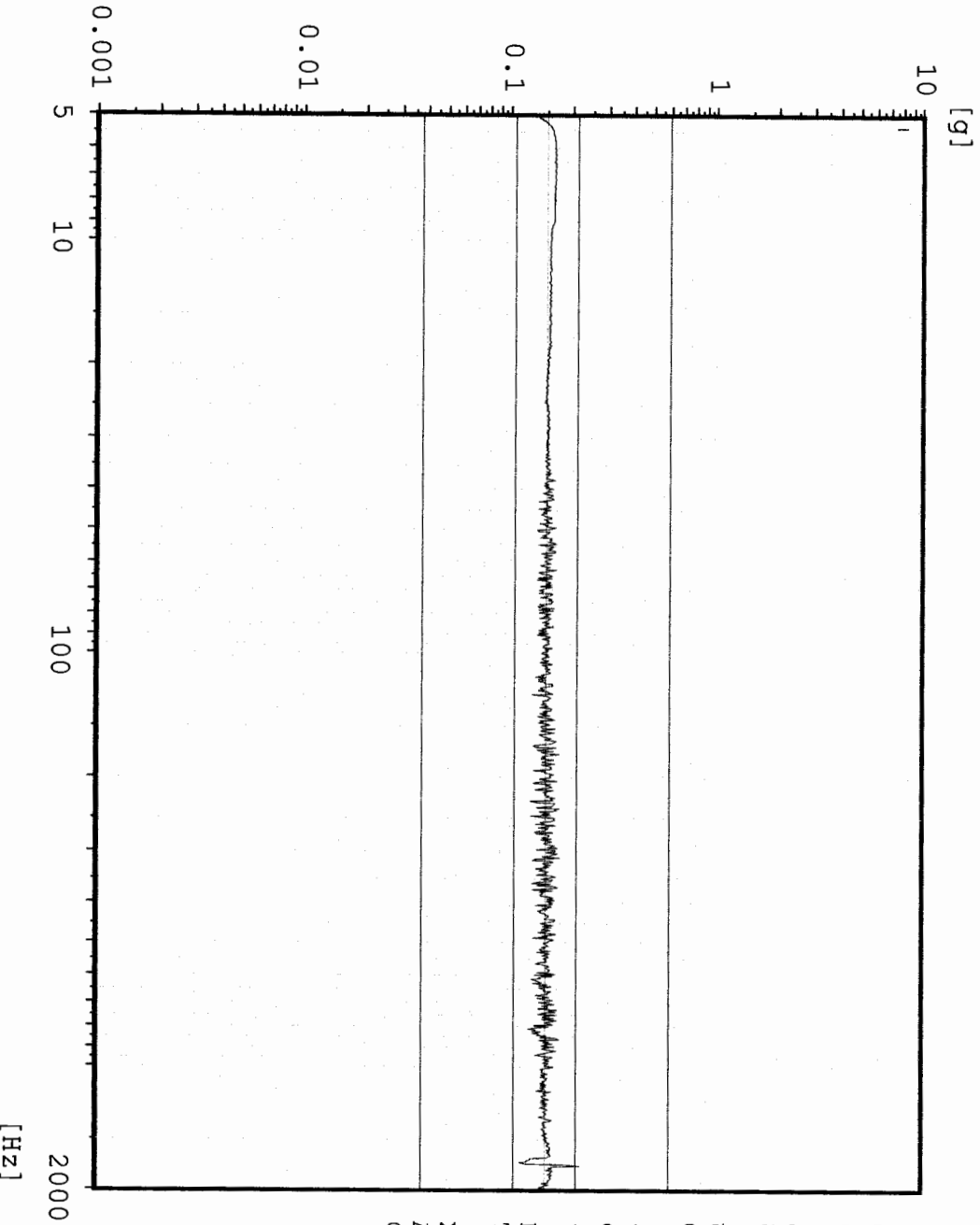
X - axis Pre Random
 Acceptance Unit
 GLAT 1849

Sine CX1 X-Axis Control

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 1
Chan.type: CW Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

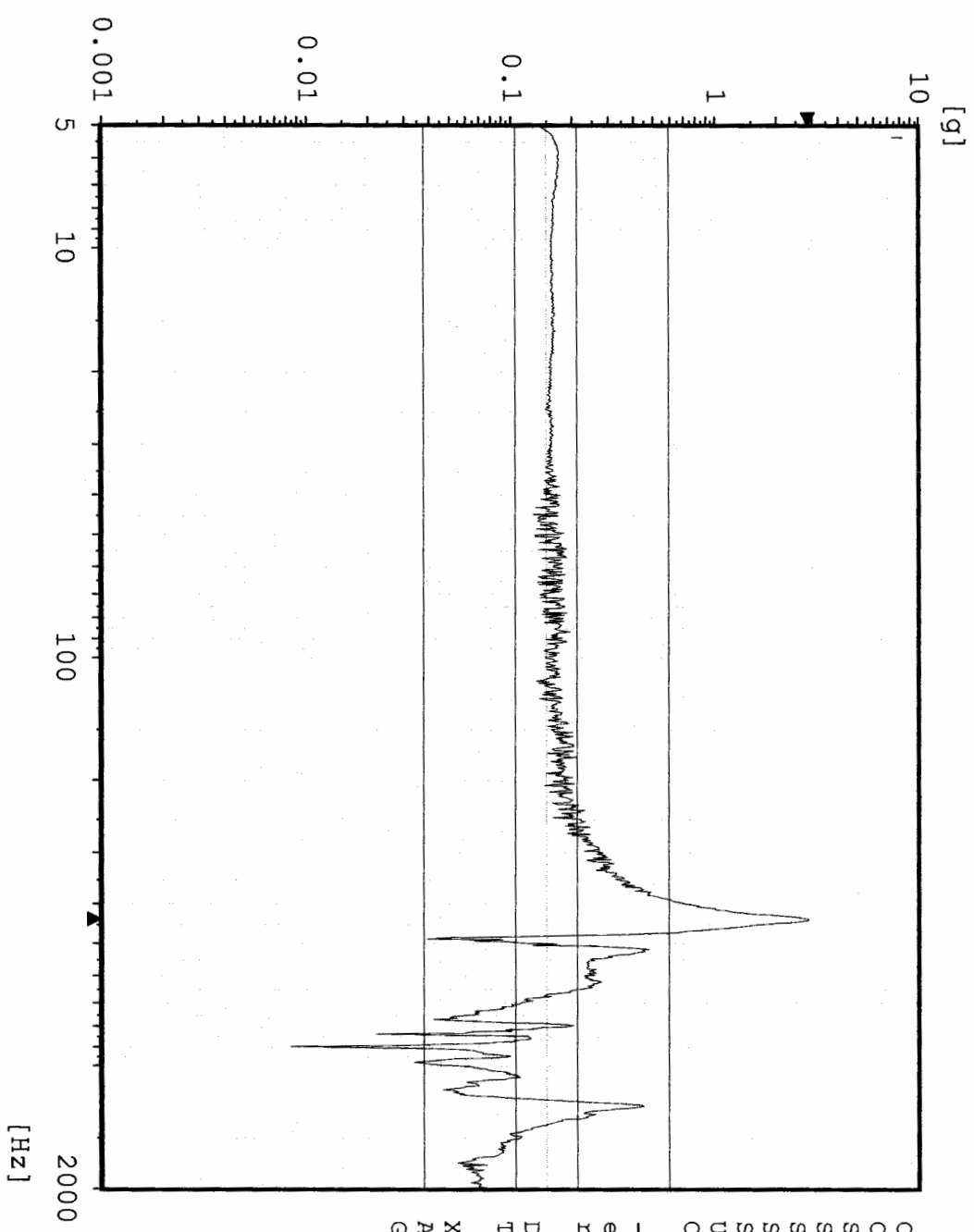
Date: 08-02-05
Time: 10:07:42

X - axis Pre Random
Acceptance Unit
GIAT 1849

Max: 436.2 Hz 2.872 g

Sine AX3 TPS top center

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 2
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 10:07:42

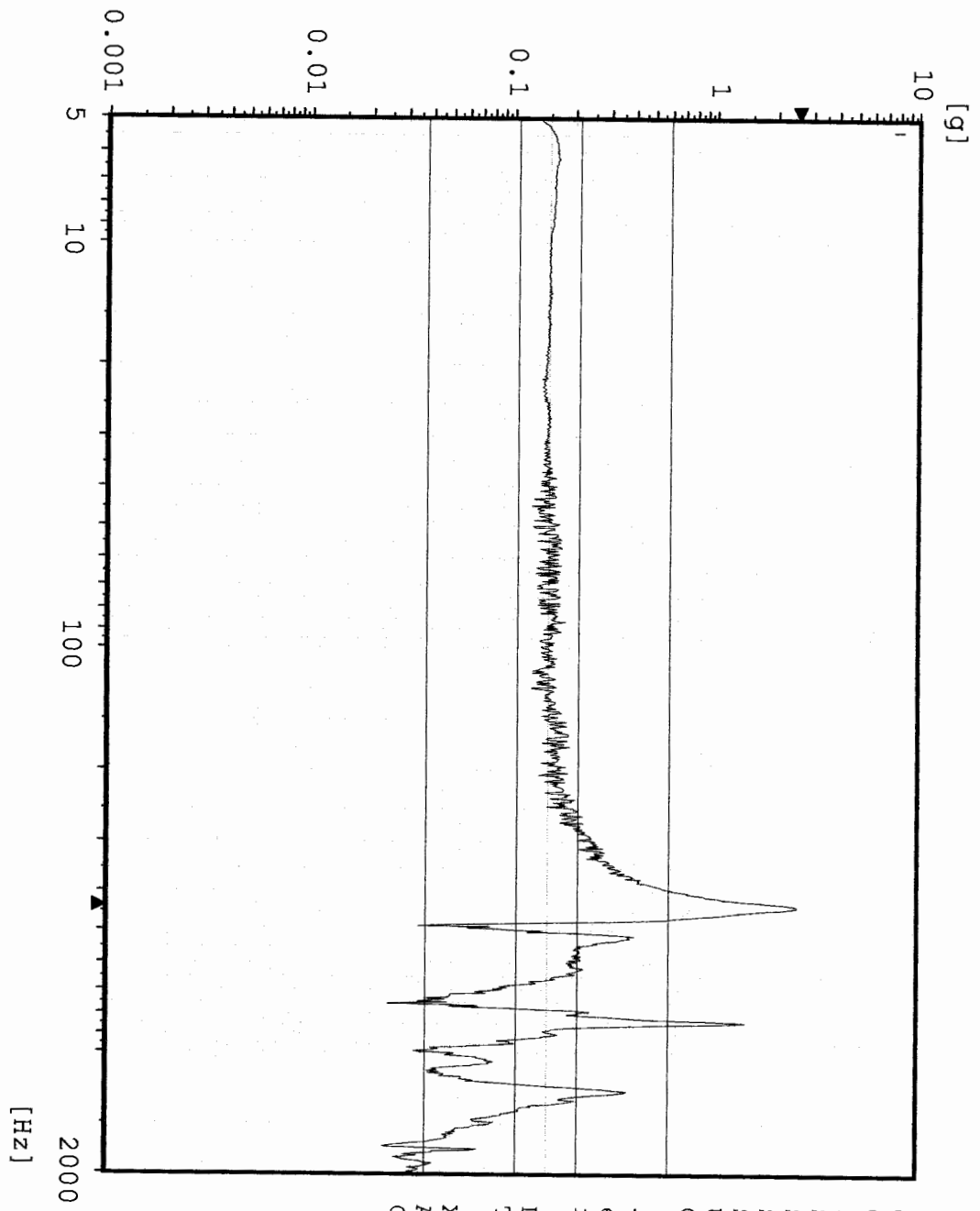
X - axis Pre Random
Acceptance Unit
GIAT 1849

```

Max: 436.2 Hz 2.558 g

Sine AX4 TPS top edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



Chan.no: 3 M Filtered
 Chan.type: M Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00
 Date: 08-02-05
 Time: 10:07:42

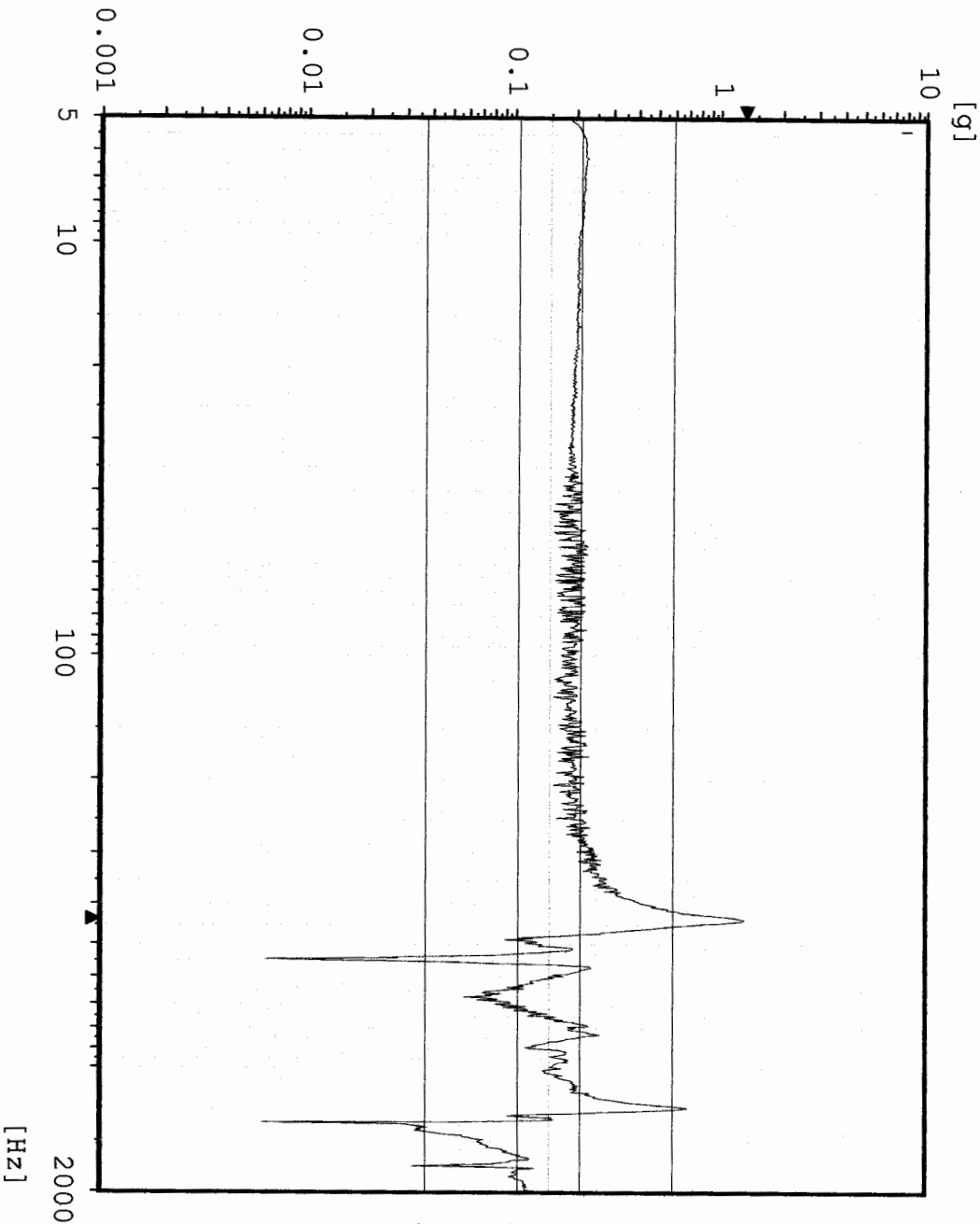
X - axis Pre Random
 Acceptance Unit
 GLAT 1849

Sine AX1 TEM center edge

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 5
 Chan.type: M Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:07:42

X - axis Pre Random
 Acceptance Unit
 GLAT 1849

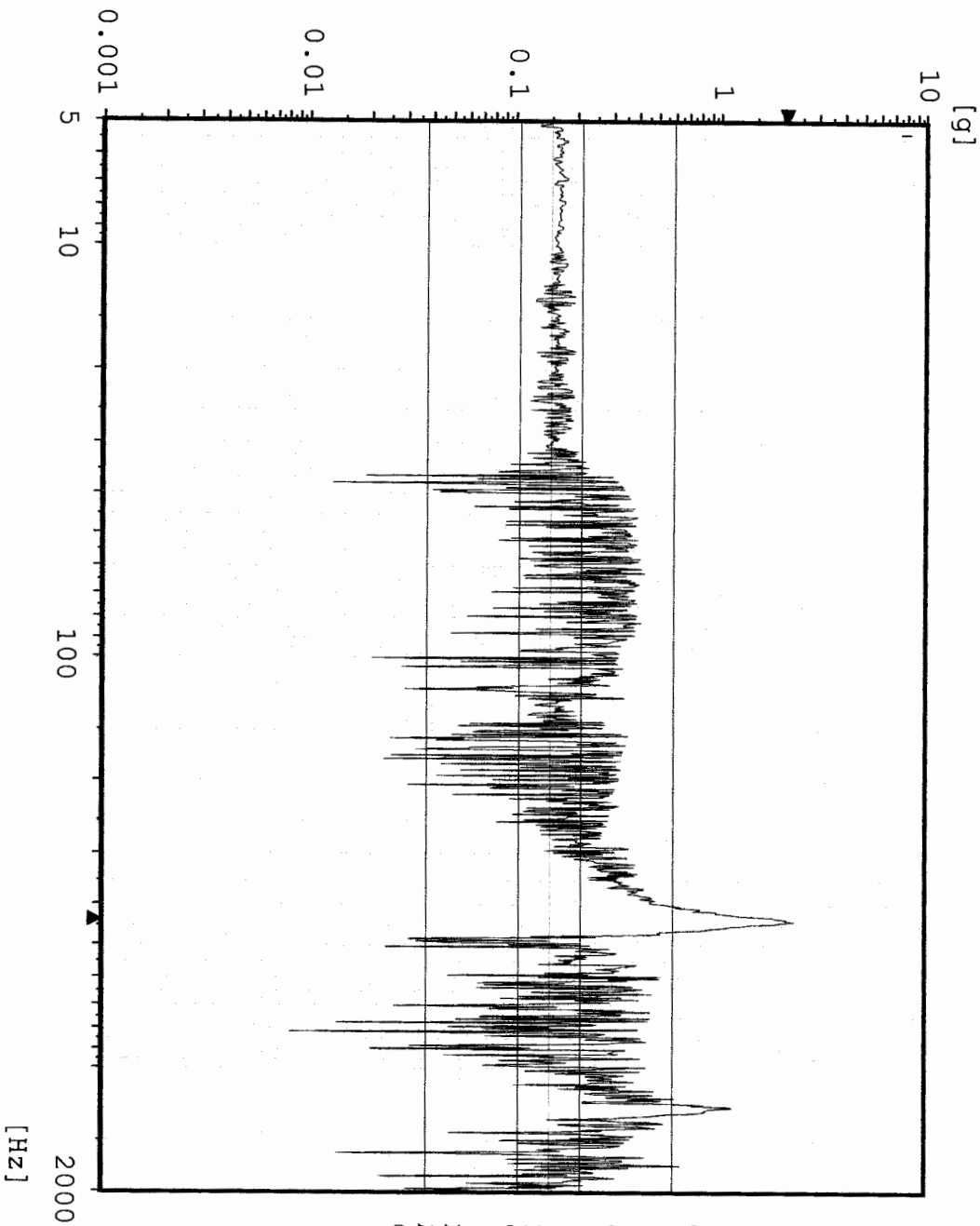
Sine

AX2 TPS CG

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



[g]

[Hz]

Chan.no: 10
 Chan.type: M Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:07:42

X - axis Pre Random
 Acceptance Unit
 GIAT 1849

Random

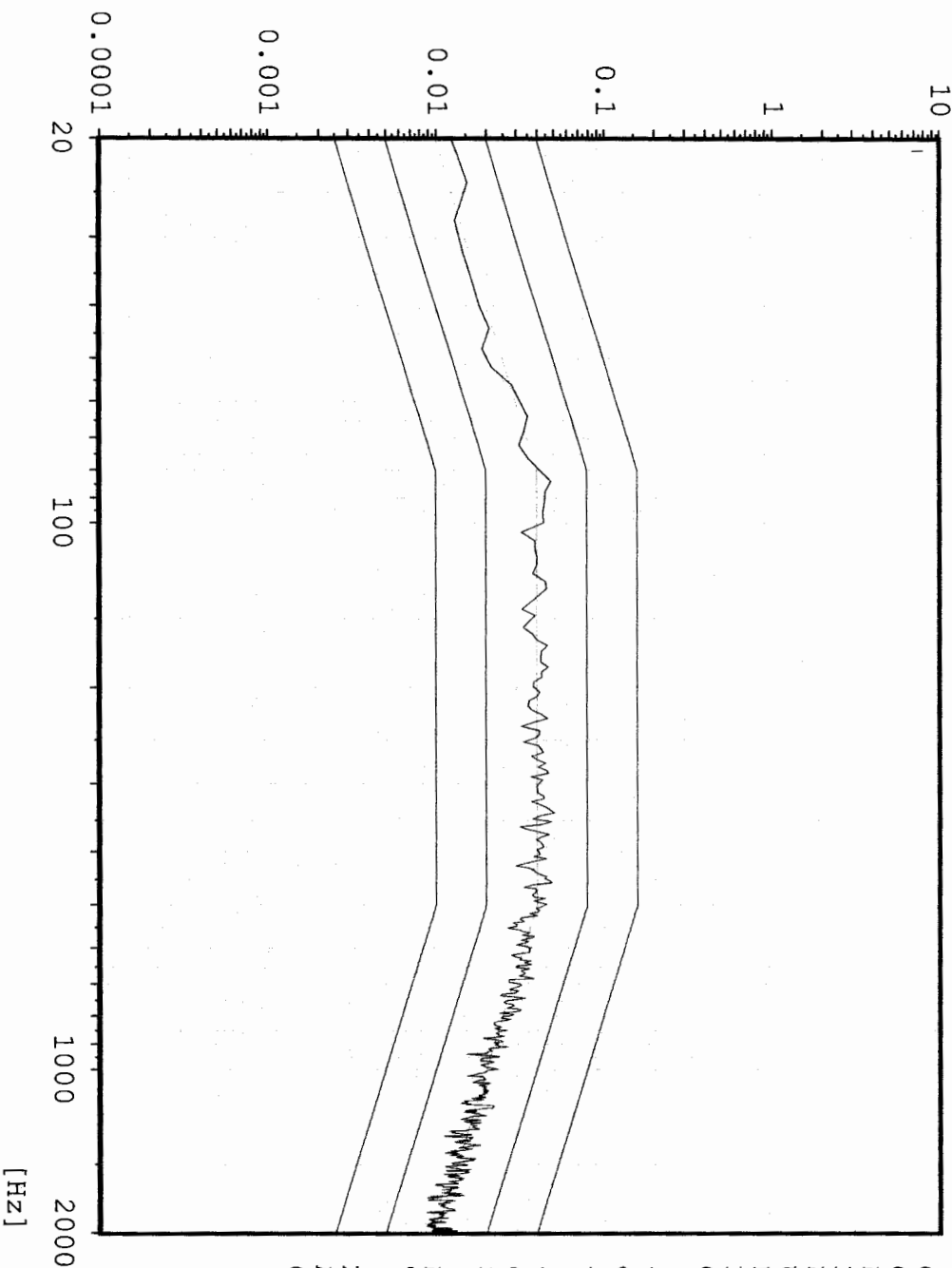
CX1 X-Axis Control

Stanford Linear Accelerator

J/N 49995.52129

TEM & TPS

[g²/Hz]



```

Chan.no:      1
Chan.type:    C
DOF:          126
Level:        0.0 dB
Resolution:   4 Hz
Unit:         g2/Hz
RMS (act.):   6.82 g
RMS (req.):   6.787 g
Contr.strat.: Closed loop
  
```

```

-- Time on act. level --
elapsed:      000:01:00
remaining:    000:00:00
  
```

```

-- Time total --
elapsed:      000:02:53
remaining:    000:00:00
  
```

```

Date:         08-02-05
Time:         10:20:01
  
```

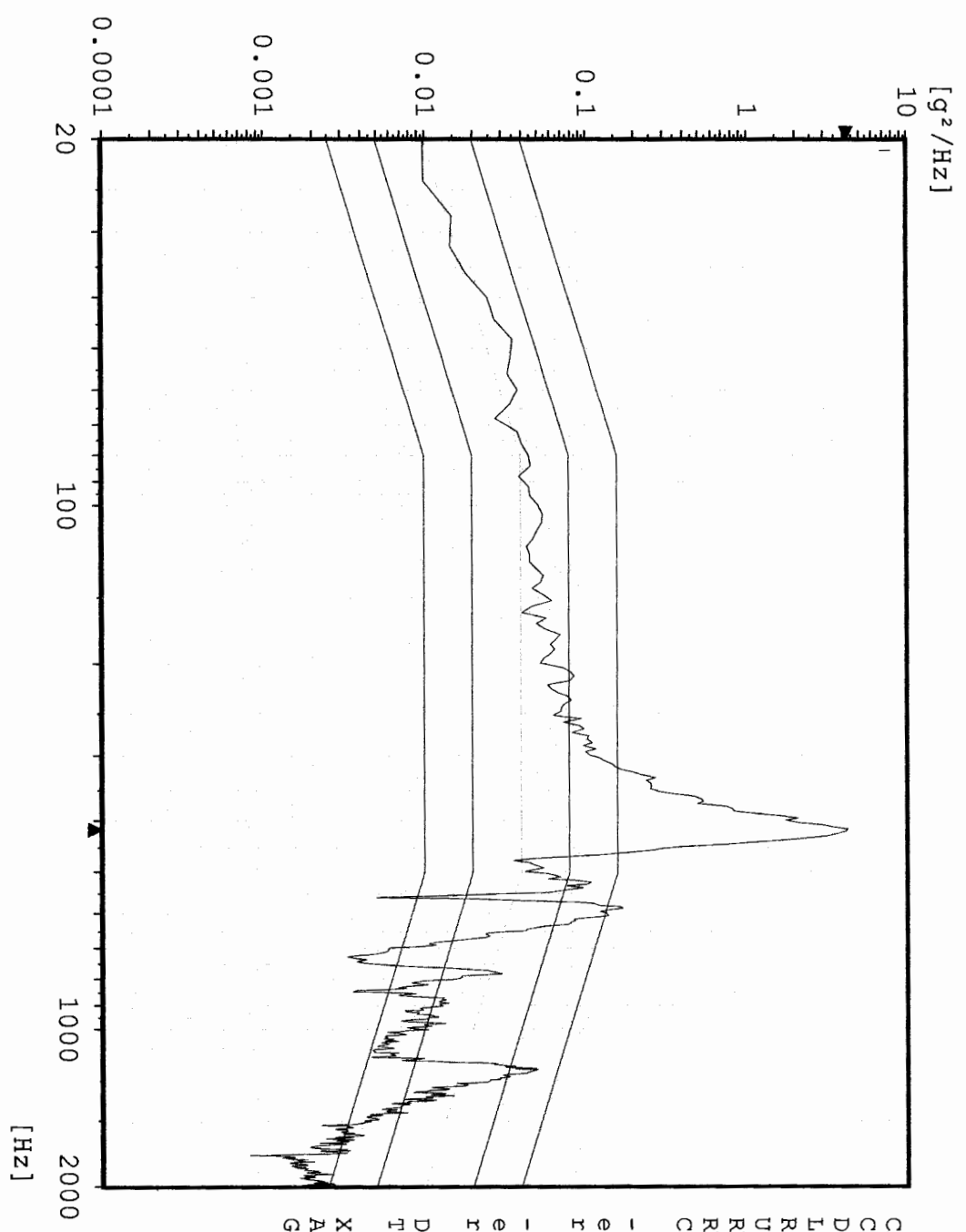
```

X - Axis
Acceptance Unit
GLAT 1849
  
```



Random AX4 TPS Top Center

Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS



Chan.no: 2
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 14.92 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

-- Time on act. level --
 elapsed: 000:01:00
 remaining: 000:00:00

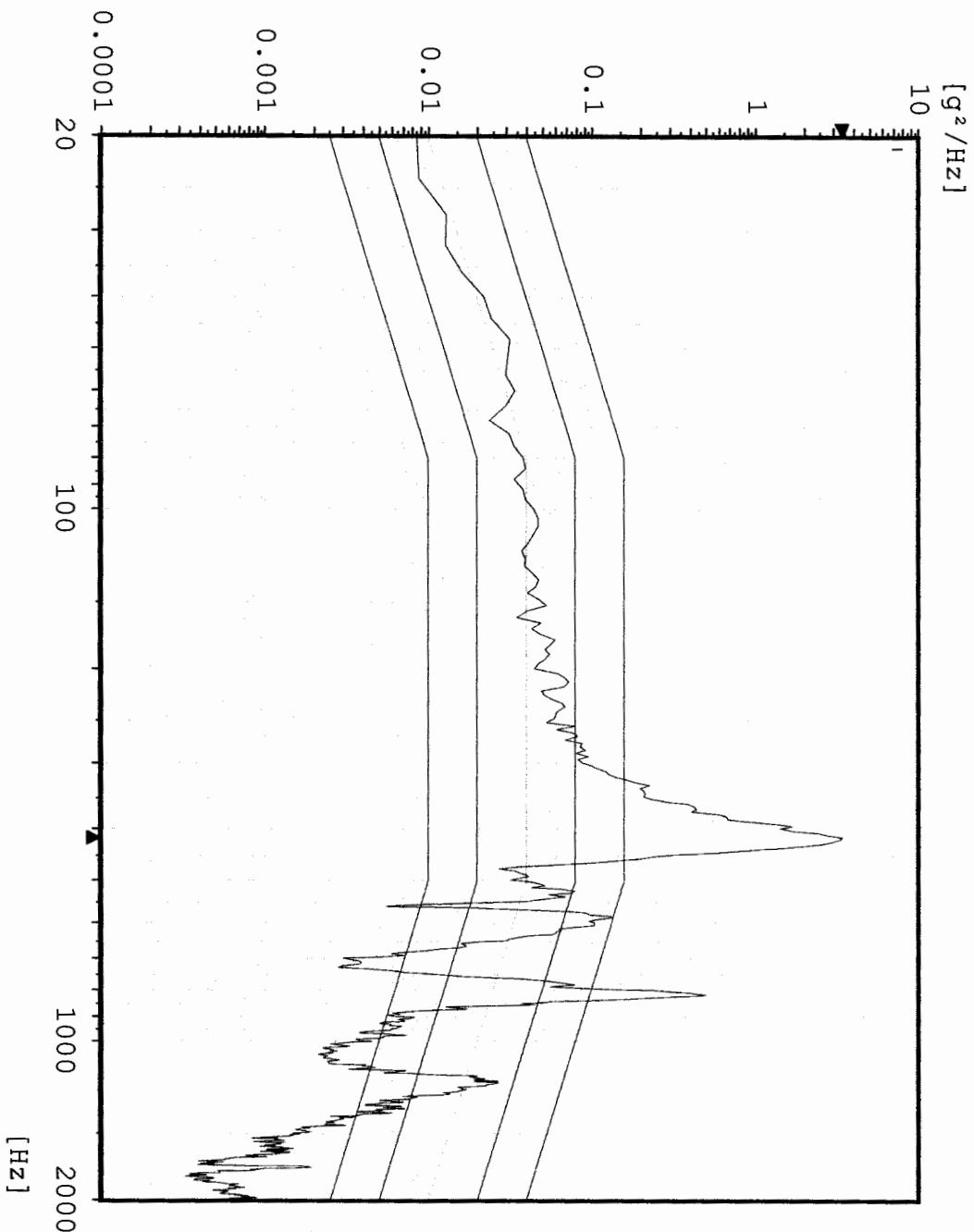
-- Time total --
 elapsed: 000:02:53
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:20:01

X - Axis
 Acceptance Unit
 GIAT 1849

Random AX3 TPS Top Edge

Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS



Chan.no: 3
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 13.85 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

-- Time on act. level --
 elapsed: 000:01:00
 remaining: 000:00:00

-- Time total --
 elapsed: 000:02:53
 remaining: 000:00:00

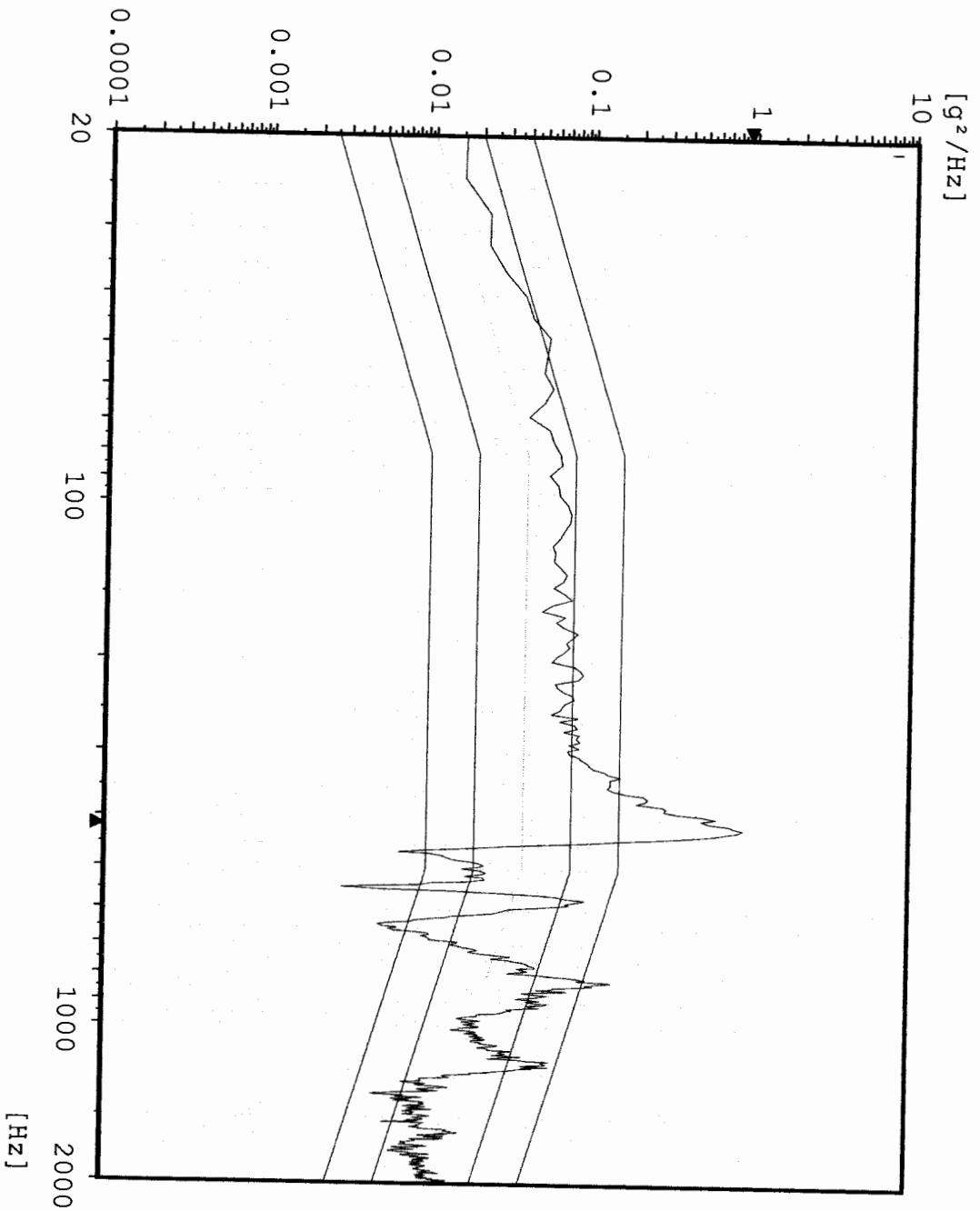
Date: 08-02-05
 Time: 10:20:01

X - Axis
 Acceptance Unit
 GLAT 1849

Max: 416 Hz 0.9308 g²/Hz

Random
Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS

CH# 5 TEM center edge



Chan.no: 5
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 9.971 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:00
remaining: 000:00:00

-- Time total --
elapsed: 000:02:53
remaining: 000:00:00

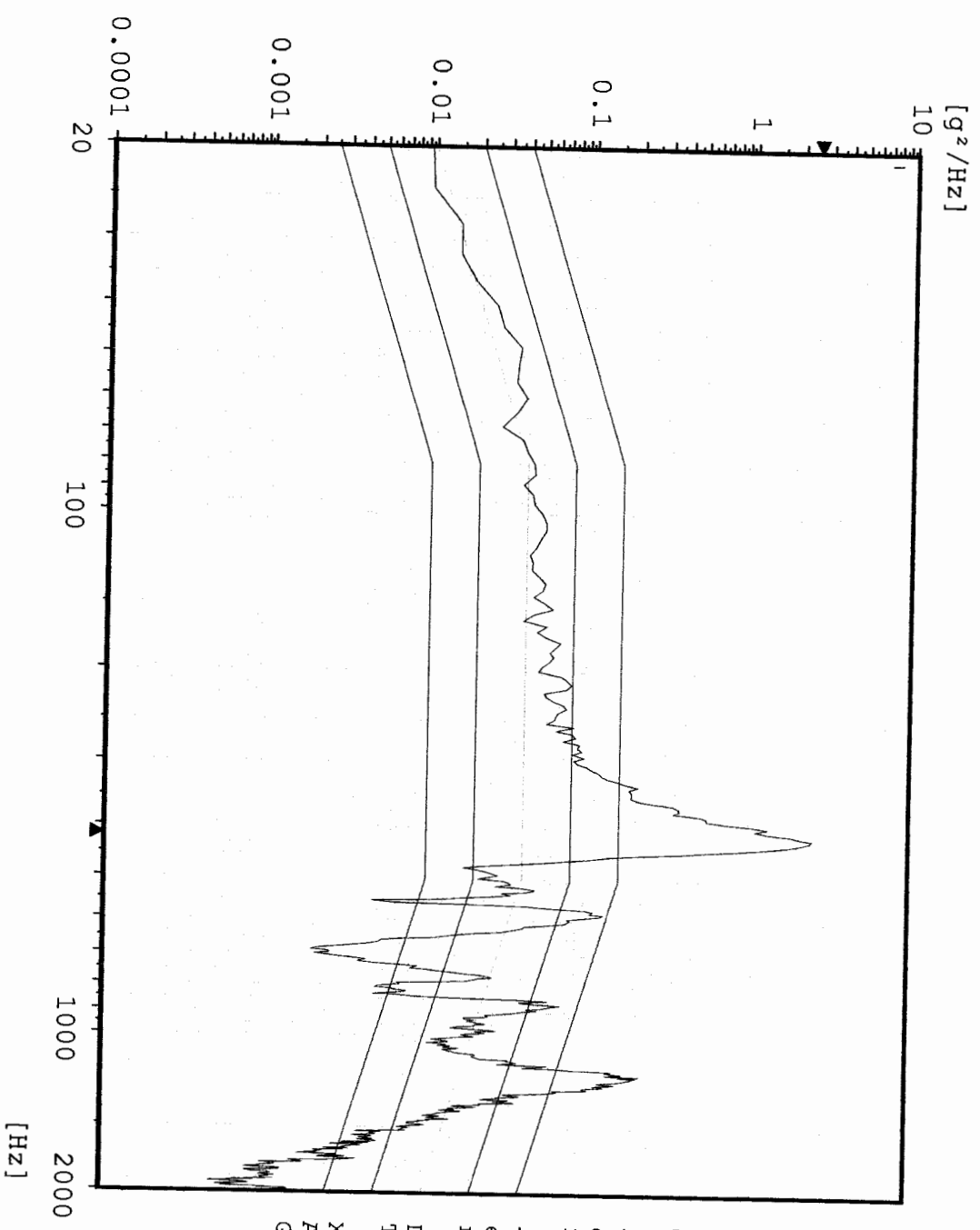
Date: 08-02-05
Time: 10:20:01

X - Axis
Acceptance Unit
GLAT 1849

Max: 416 Hz 2.505 g²/Hz

Random
Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS

AX2 TPS Bottom center



Chan.no: 10
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g^2/Hz
 RMS (act.): 12.88 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

-- Time on act. level --
 elapsed: 000:01:00
 remaining: 000:00:00

-- Time total --
 elapsed: 000:02:53
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:20:01

X - Axis
 Acceptance Unit
 GIAT 1849

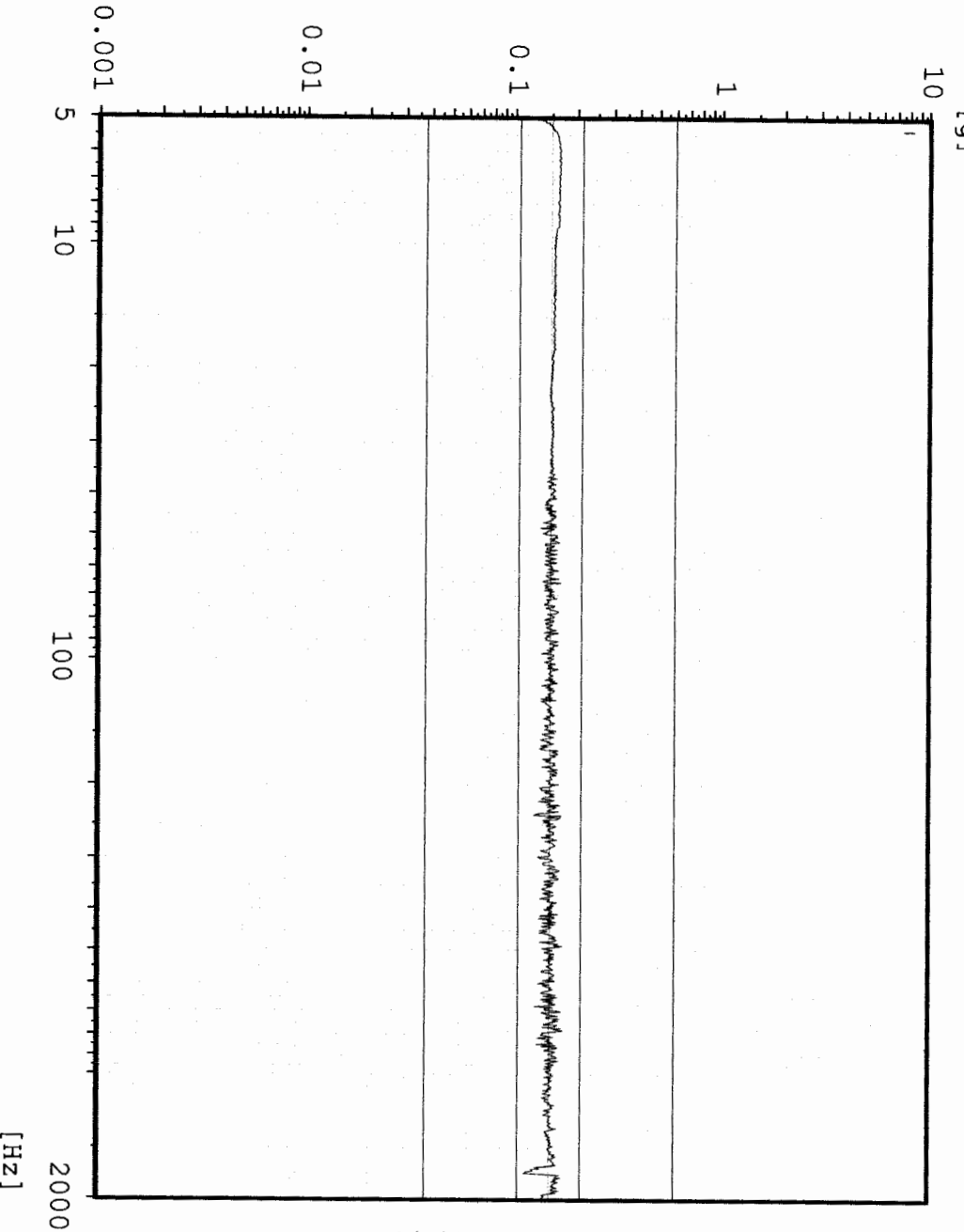
Sine

CX1 X-Axis Control

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 1
 Chan.type: CW Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

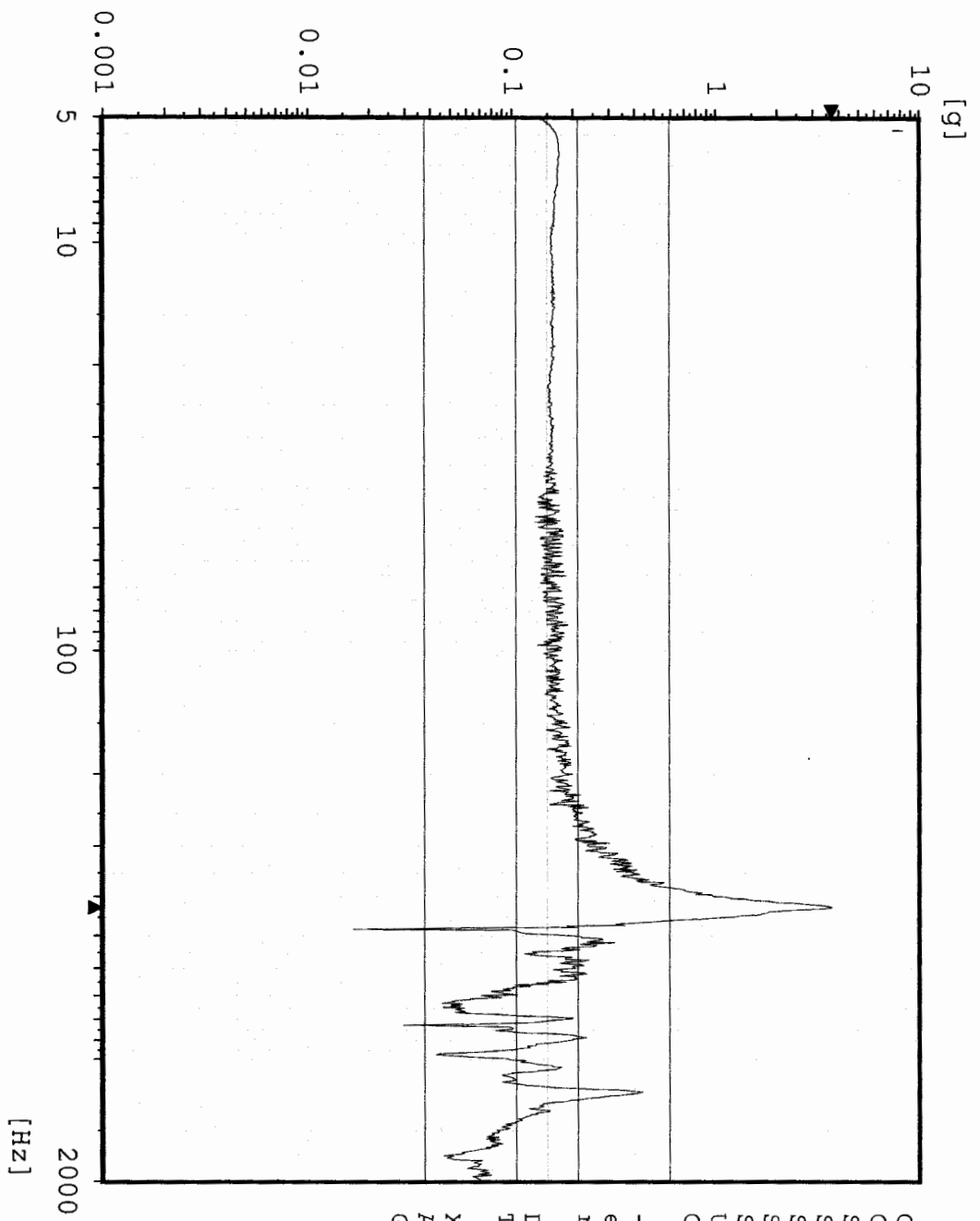
Date: 08-02-05
 Time: 10:28:23

X - axis Post Random
 Acceptance Unit
 GIAT 1849

Max: 426.1 Hz 3.735 g

Sine AX3 TPS top center

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 2 M Filtered
Chan.type: logarithmic
Sweep type: 1
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed Loop

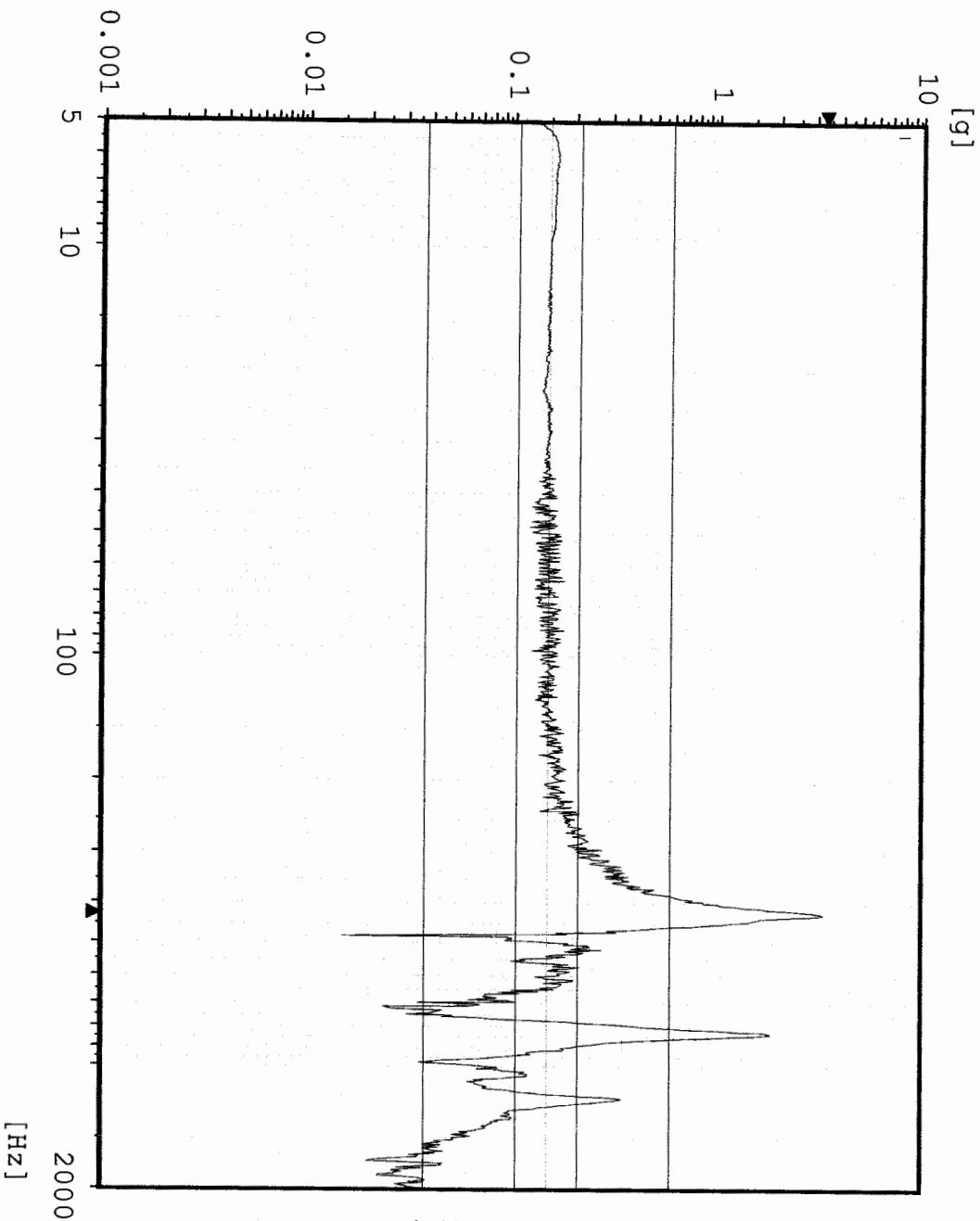
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 10:28:23

X - axis Post Random
Acceptance Unit
GIAT 1849
  
```

Sine AX4 TPS top edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



Chan.no: 3
 Chan.type: M Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:28:23

X - axis Post Random
 Acceptance Unit
 GLAT 1849

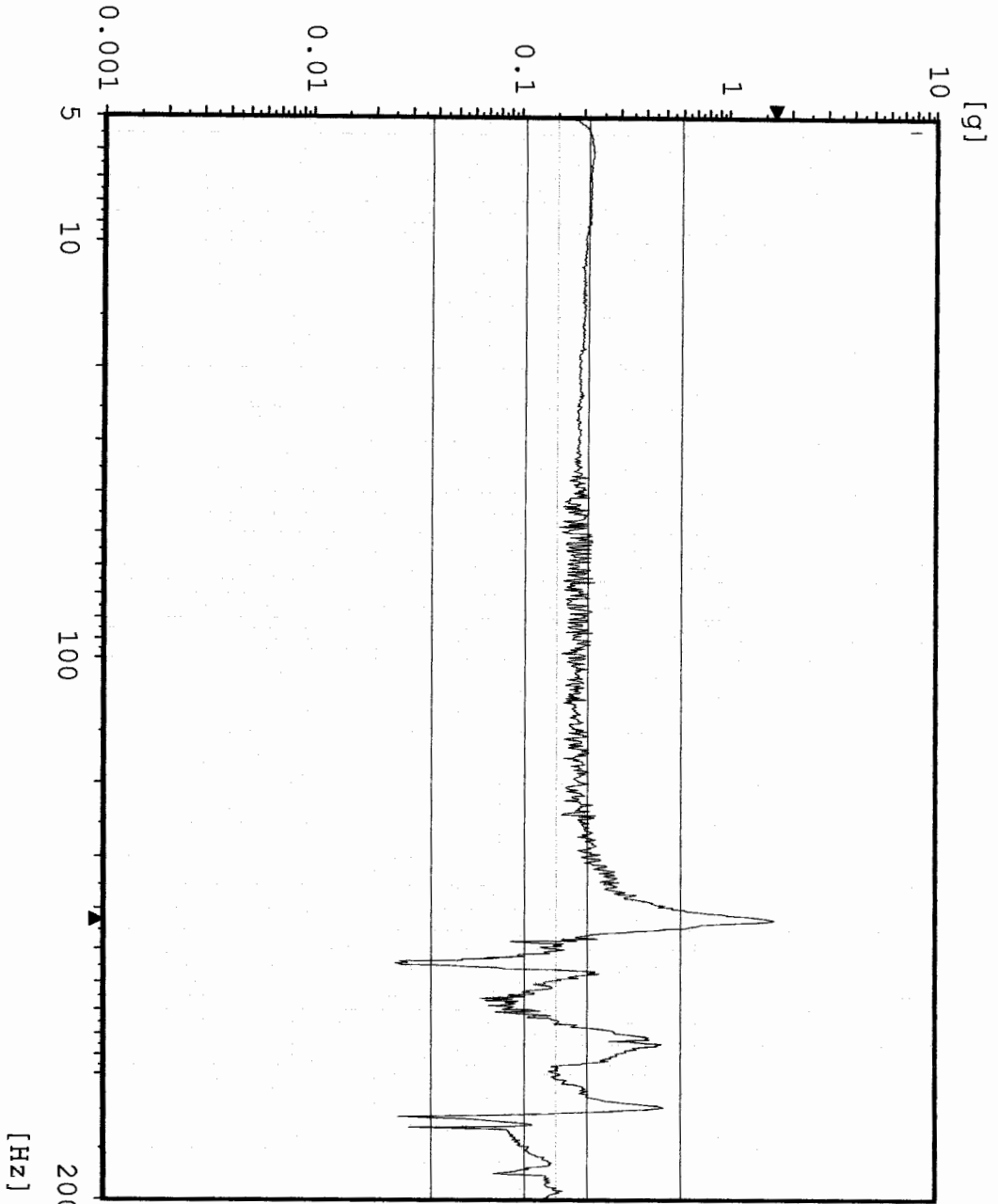
Max: 426.1 Hz 1.675 g

Sine AXI TEM center edge

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



```

Chan.no:      5
Chan.type:    M Filtered
Sweep type:   logarithmic
Sweeps done:  1
Sweeps req.:  1
Sweep direct.: up
Sweep rate:   2.00 Oct/min
Unit:         g
Contr.strat.: Closed loop

-- Testing time --
elapsed:      000:04:18
remaining:    000:00:00

Date:         08-02-05
Time:         10:28:23

X - axis      Post Random
Acceptance Unit
GIAT 1849
  
```

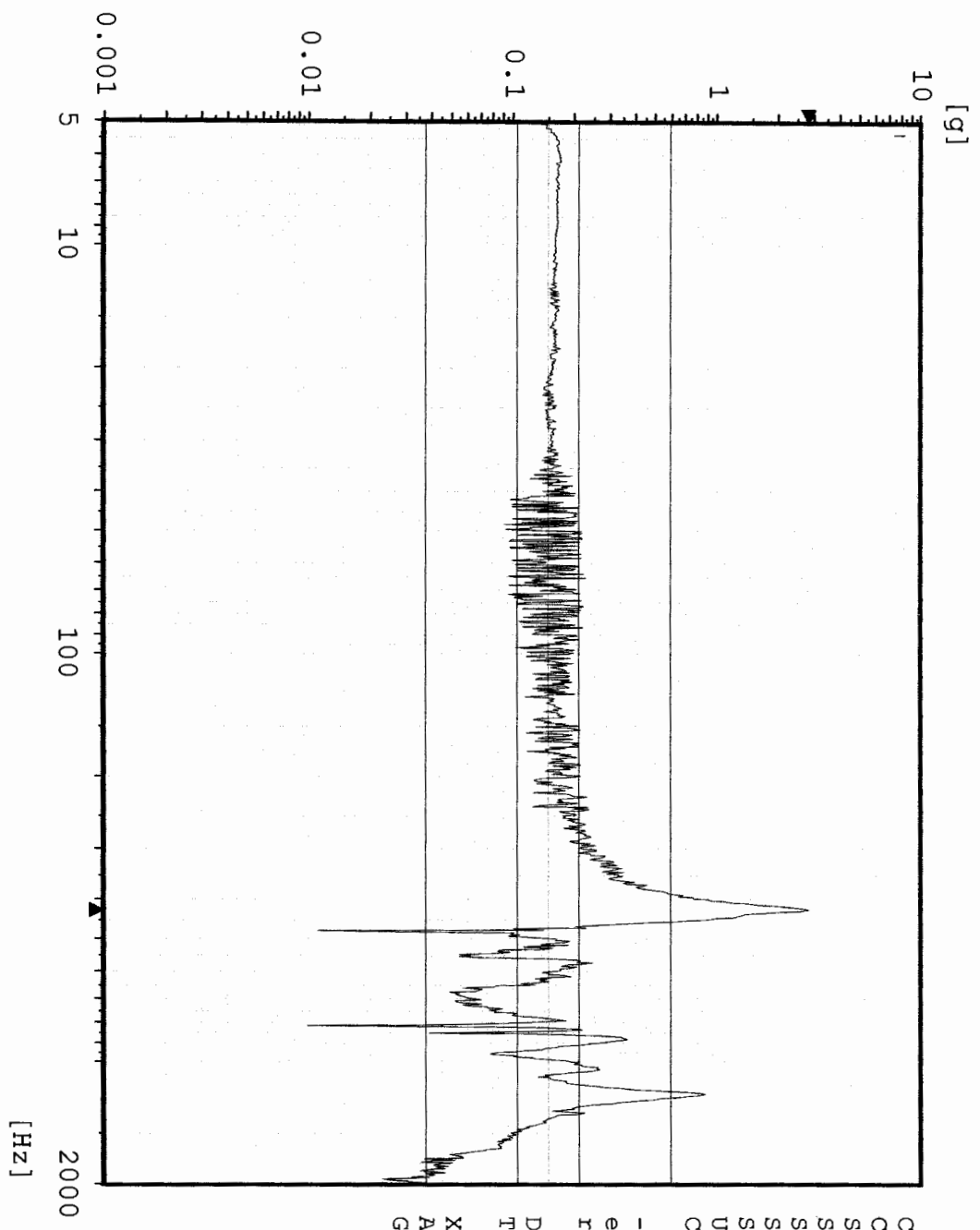
Max: 426.1 Hz 2.819 g



Sine
Stanford Linear Accelerator

AX2 TPS CG

J/N 49995.52129
TEM / TPS



Chan.no: 10 M Filtered
 Chan.type: logarithmic
 Sweep type: 1
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

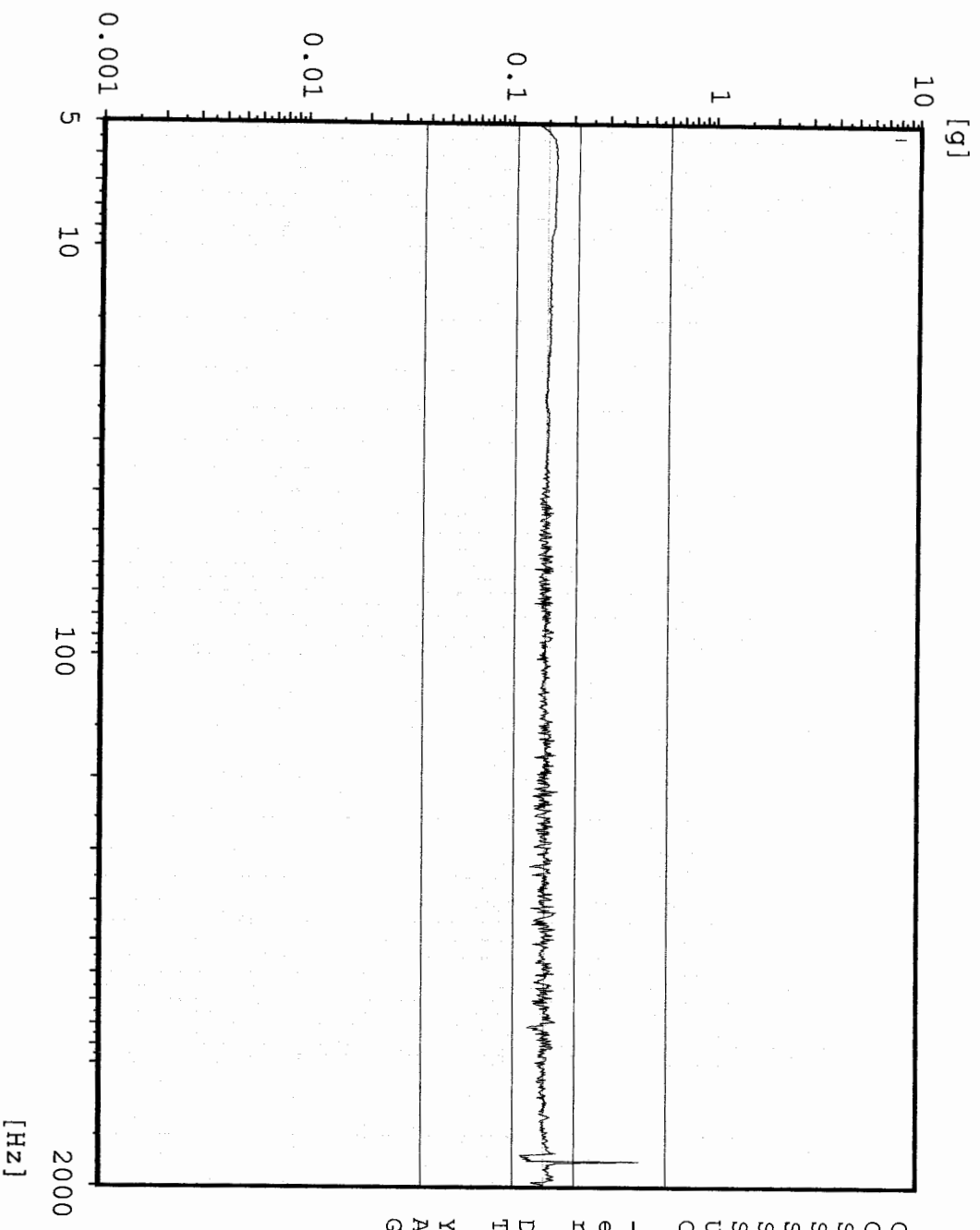
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:28:23

X - axis Post Random
 Acceptance Unit
 GIAT 1849

Sine CY1 Y-Axis Control

Stanford Linear Accelerator
J/N 49995.52115
TEM / TPS



Chan.no: 1
Chan.type: CW Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

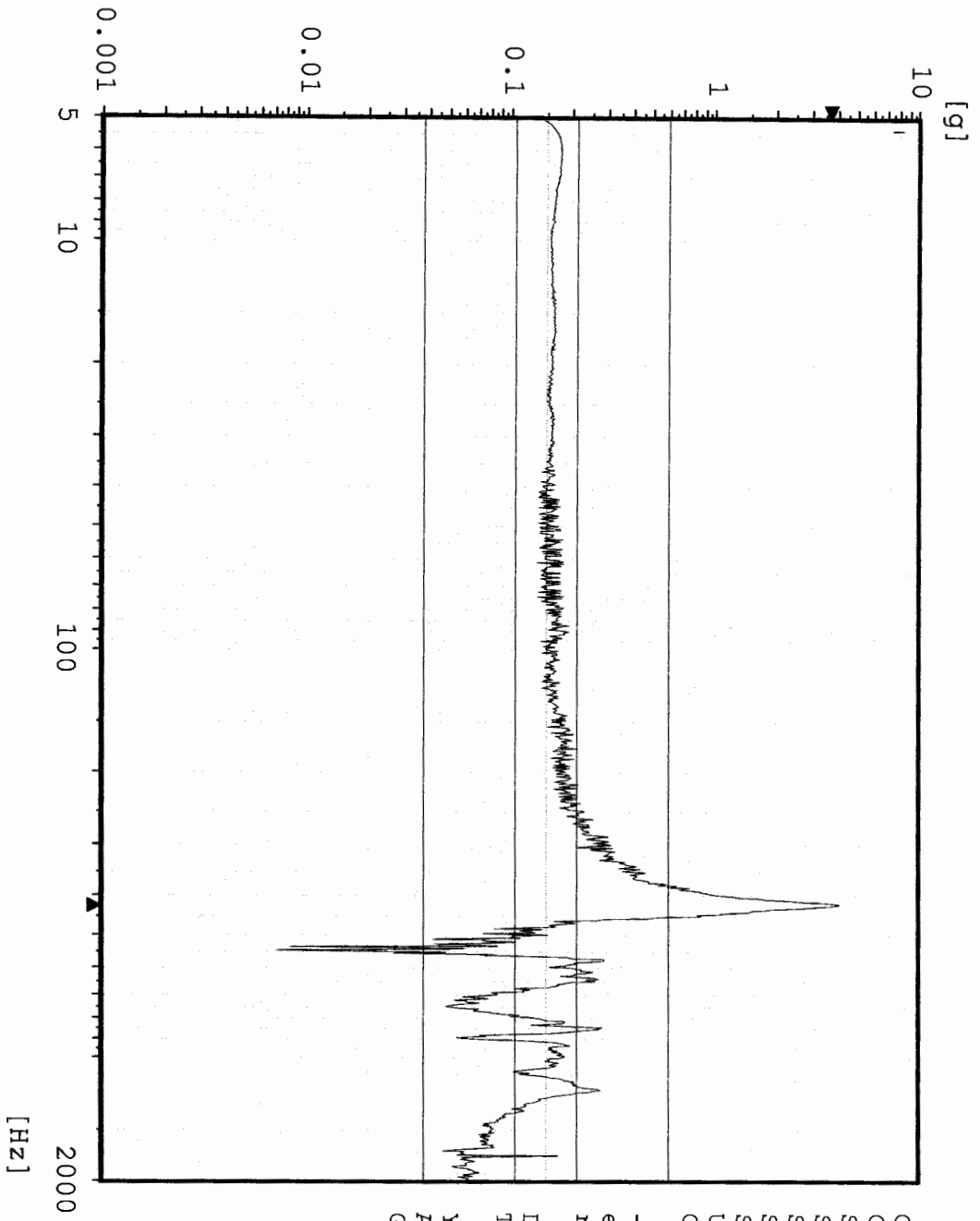
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 10:51:55

Y - axis ^{PRE}deg Random
Acceptance Unit
GLAT 1848

Sine AY3 TPS Top Center

Stanford Linear Accelerator
J/N 49995.52115
TEM / TPS



Chan.no: 2 M Filtered
 Chan.type: logarithmic
 Sweep type: 1
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

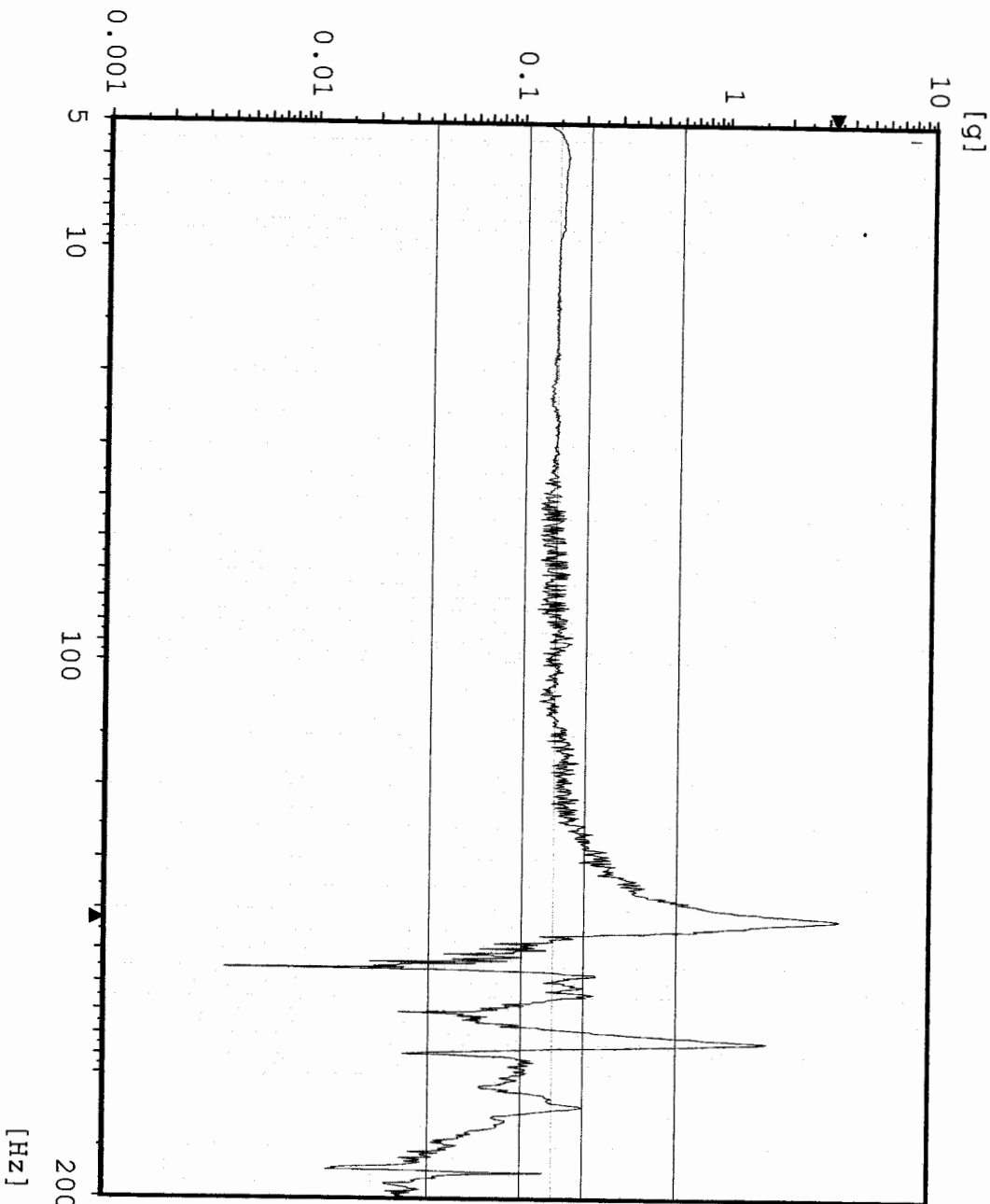
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:51:55

Y - axis **PRE** Random
 Acceptance Unit
 GLAT 1848

Sine AY4 TPS Top Edge

Stanford Linear Accelerator
J/N 49995.52115
TEM / TPS



```

Chan.no: 3
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

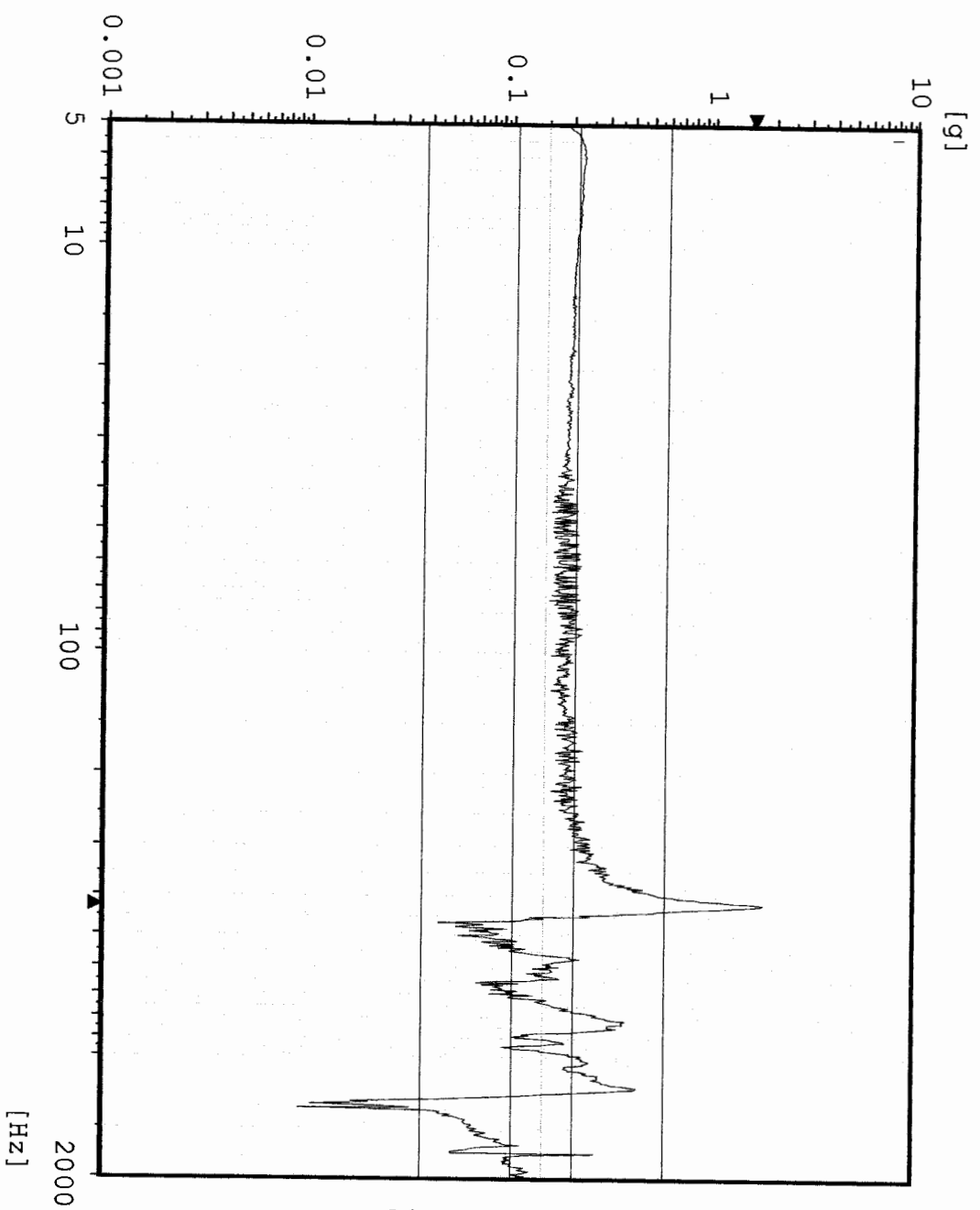
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 10:51:55

Y - axis Pos Random
Acceptance Unit
GLAT 1848
  
```

Sine AY1 TEM Center Edge

Stanford Linear Accelerator
J/N 49995.52115
TEM / TPS



Chan.no: 5 M Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

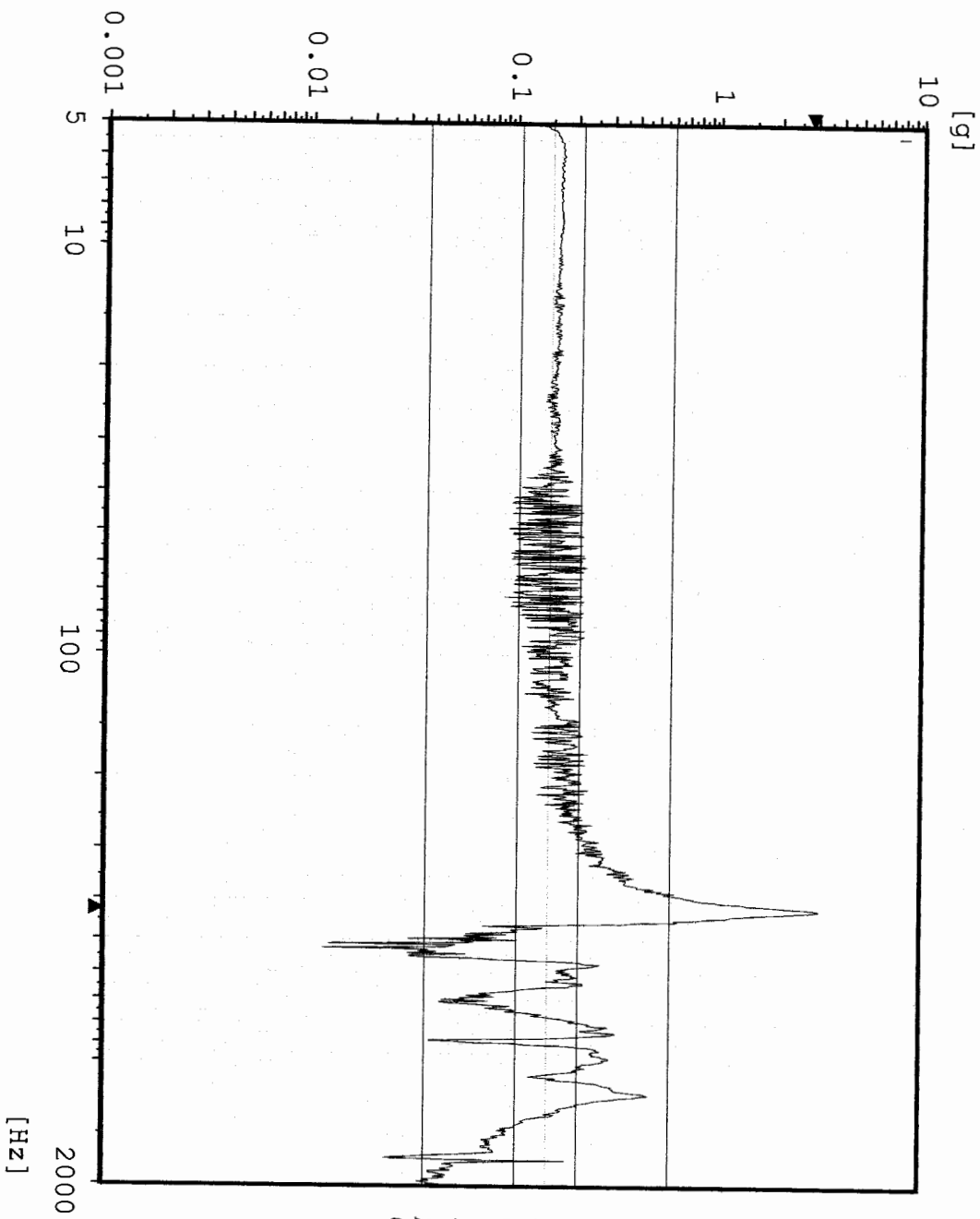
Date: 08-02-05
 Time: 10:51:55

Y - axis **PAE** Random
 Acceptance Unit
 GLAT 1848

Sine

AY2 TPS CG

Stanford Linear Accelerator
J/N 49995.52115
TEM / TPS



Chan.no: 10 M Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

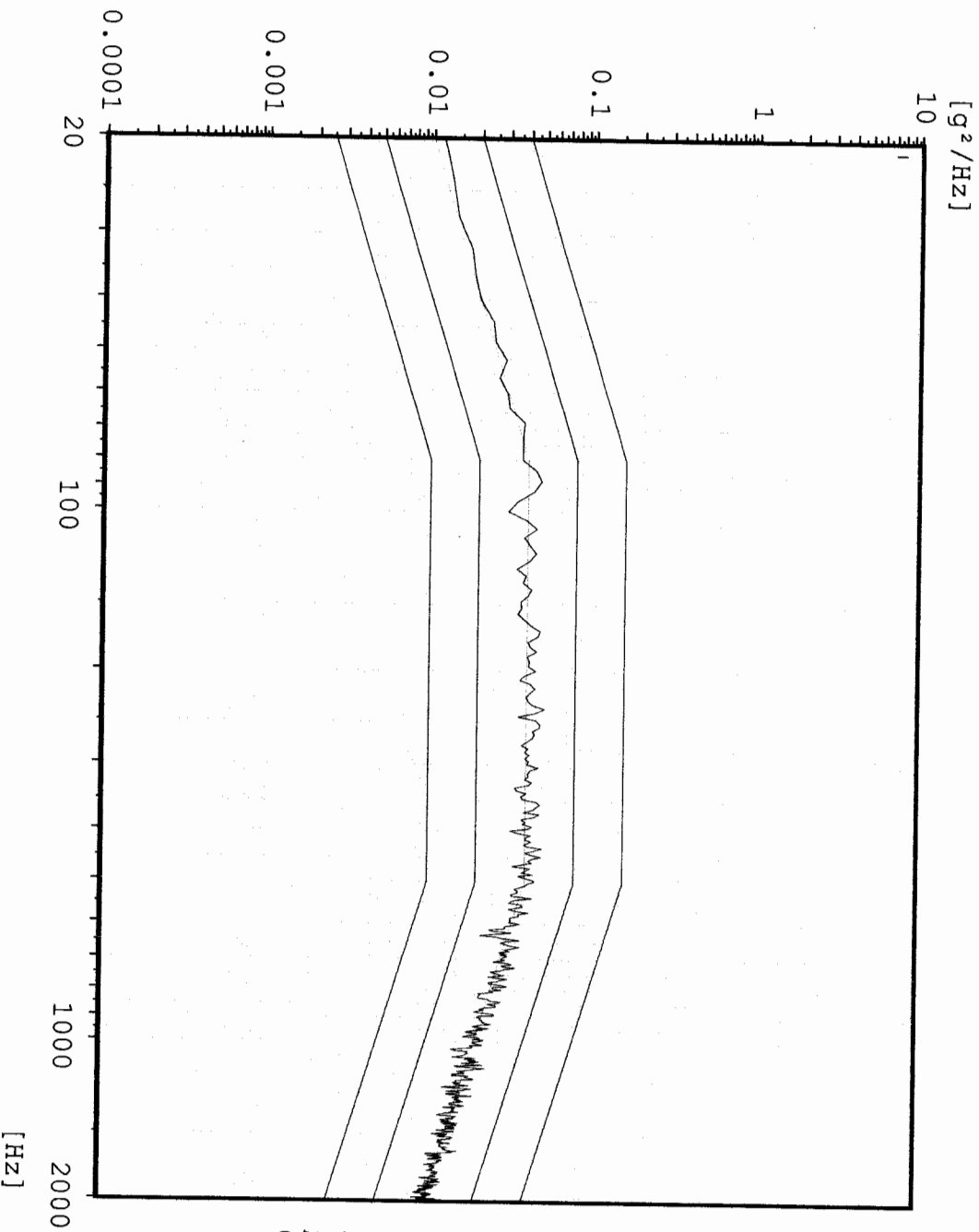
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:51:55

Y - axis ^{PR5} Post Random
 Acceptance Unit
 GLAT 1848

Random CY1 Y-Axis Control

Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS



Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 6.866 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:00
remaining: 000:00:00

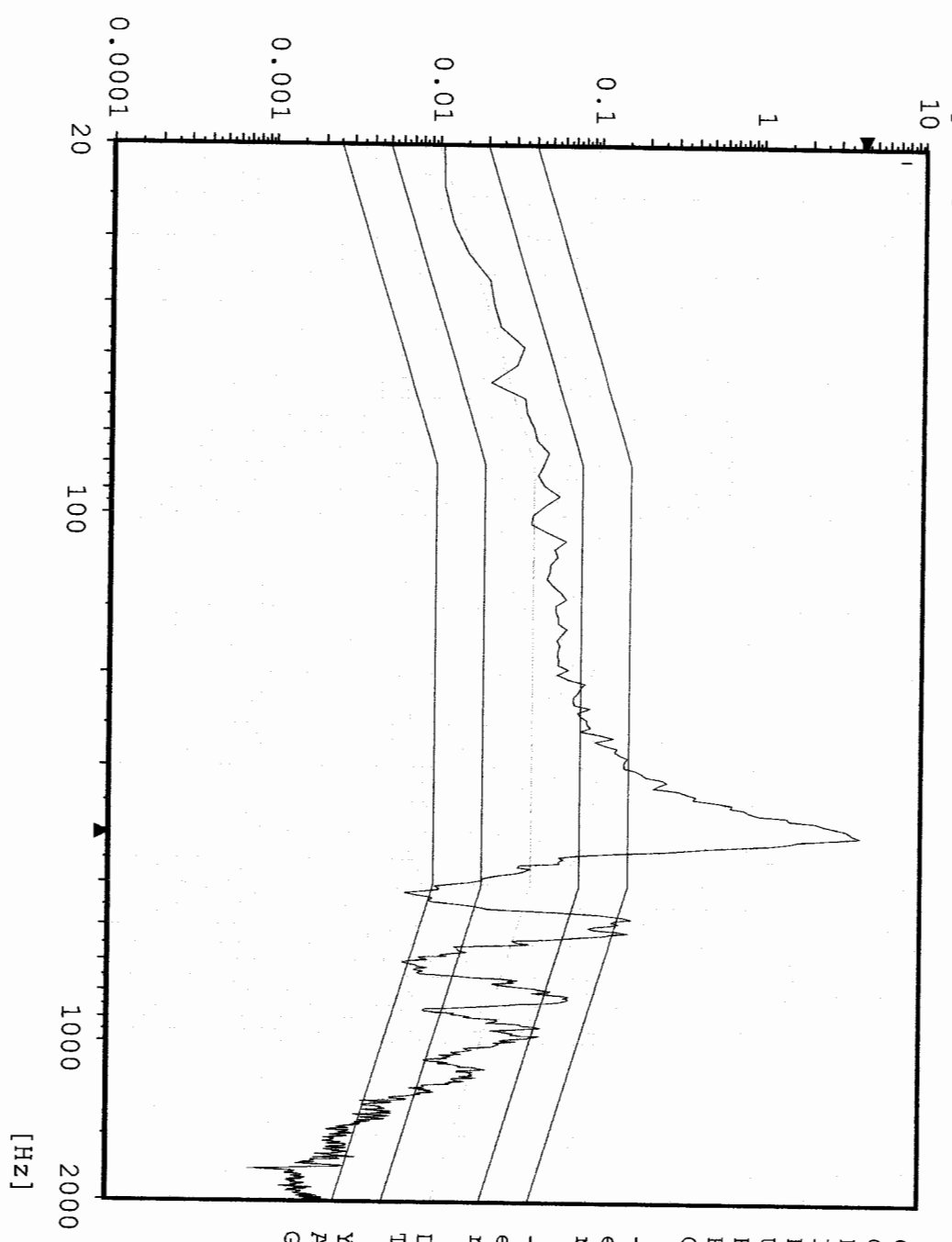
-- Time total --
elapsed: 000:02:53
remaining: 000:00:00

Date: 08-02-05
Time: 10:59:08

Y - Axis
Acceptance Unit
GIAT 1849

Random
Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS

AY3 TPS Top Center



```

Chan.no:      2
Chan.type:    M
DOF:          100
Level:        0.0 dB
Resolution:   4 Hz
Unit:         g²/Hz
RMS (act.):   14.69 g
RMS (req.):   6.787 g
Contr.strat.: Closed Loop
  
```

```

-- Time on act. level --
elapsed:      000:01:00
remaining:    000:00:00
  
```

```

-- Time total --
elapsed:      000:02:53
remaining:    000:00:00
  
```

```

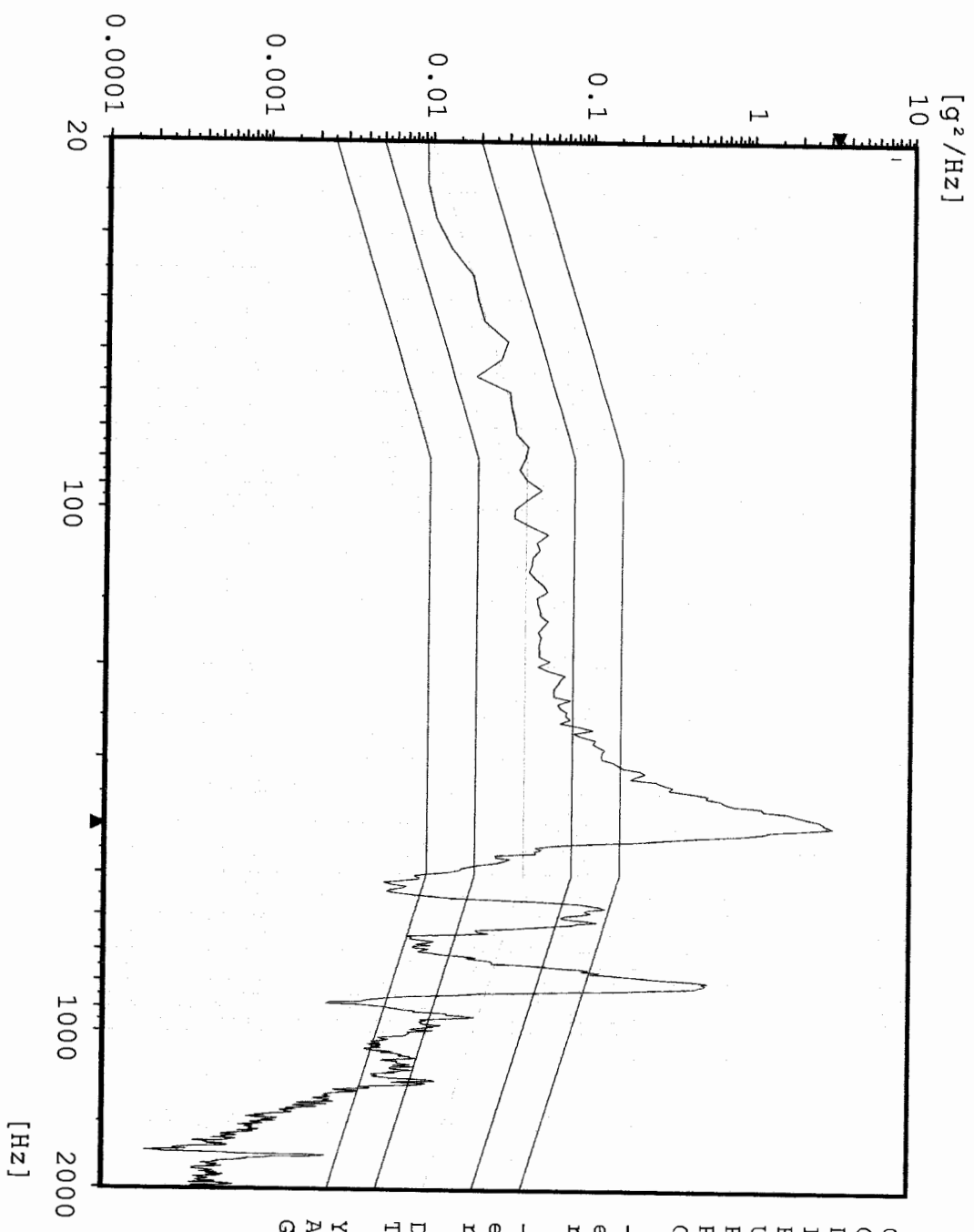
Date:         08-02-05
Time:         10:59:08
  
```

```

Y - Axis
Acceptance Unit
GIAT 1849
  
```

Random
Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS

AY4 TPS Top Edge



Chan.no: 3
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 13.76 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

-- Time on act. level --
 elapsed: 000:01:00
 remaining: 000:00:00

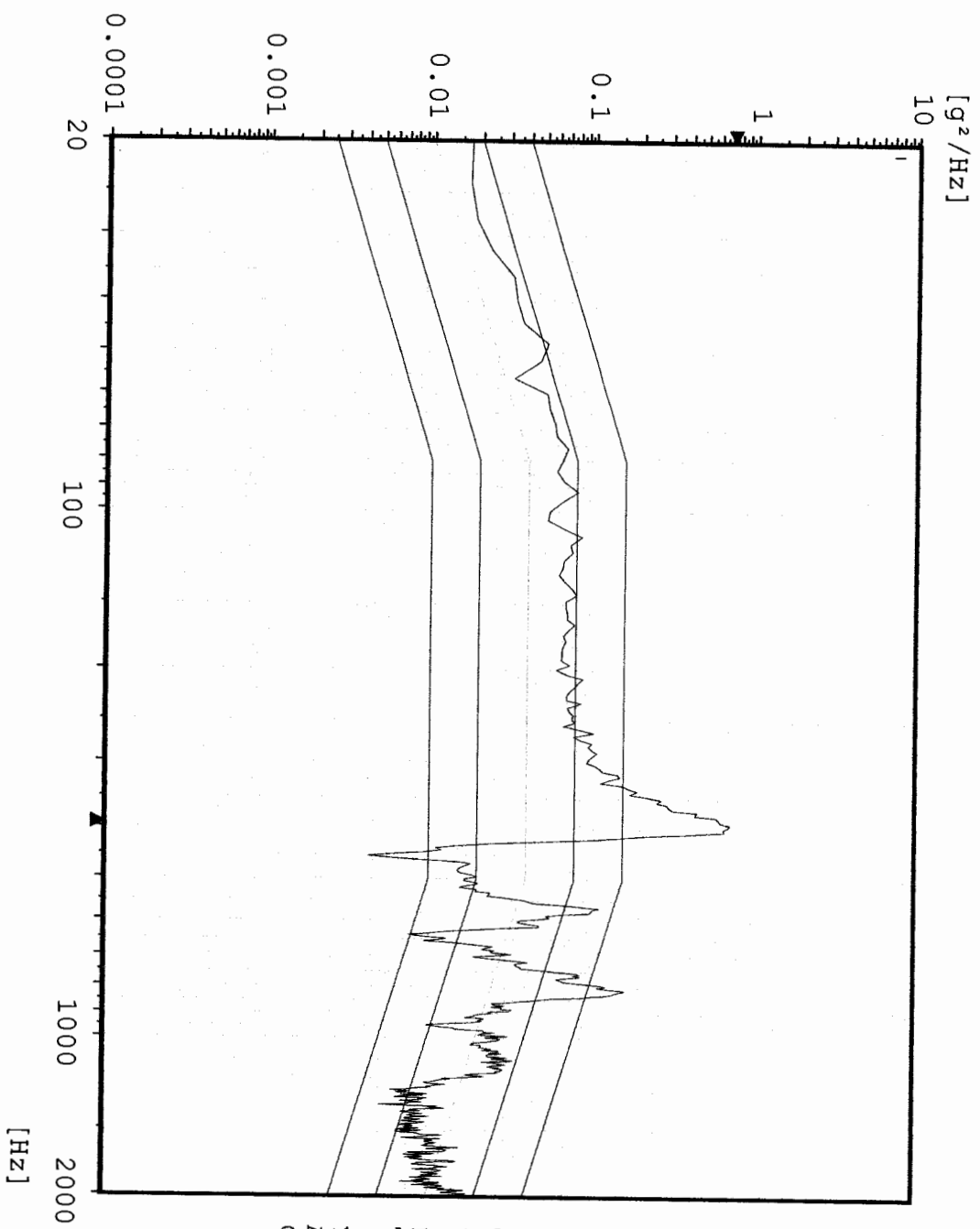
-- Time total --
 elapsed: 000:02:53
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:59:08

Y - Axis
 Acceptance Unit
 GIAT 1849

Random
Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS

AY1 TEM Center Edge



Chan.no: 5
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 9.716 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

-- Time on act. level --
 elapsed: 000:01:00
 remaining: 000:00:00

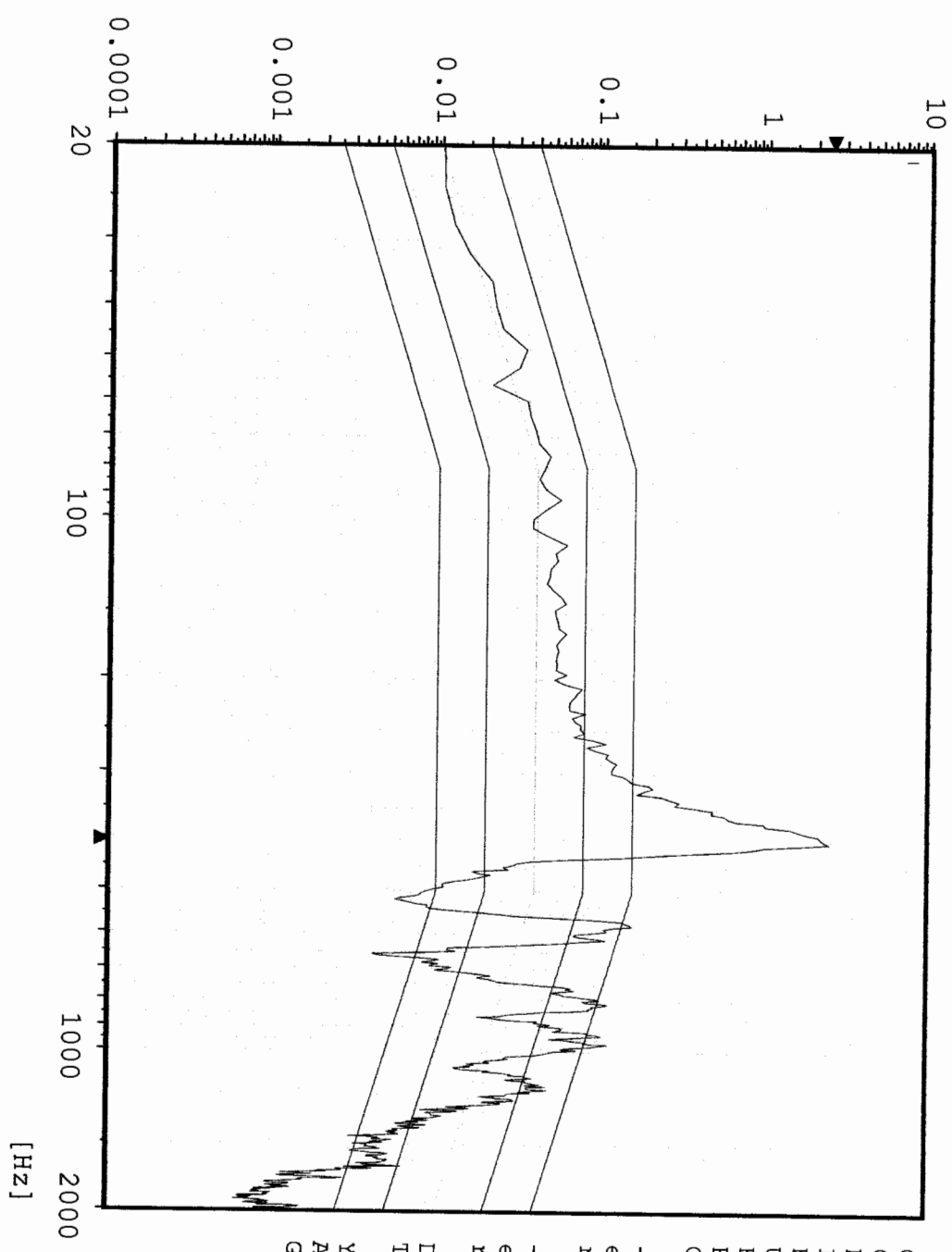
-- Time total --
 elapsed: 000:02:53
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:59:08

Y - Axis
 Acceptance Unit
 G1AT 1849

Random
Stanford Linear Accelerator
J/N 49995.52129
TEM & TPS

AY2 TPS CG



Chan.no: 10
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 12.7 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed Loop

-- Time on act. level --
 elapsed: 000:01:00
 remaining: 000:00:00

-- Time total --
 elapsed: 000:02:53
 remaining: 000:00:00

Date: 08-02-05
 Time: 10:59:08

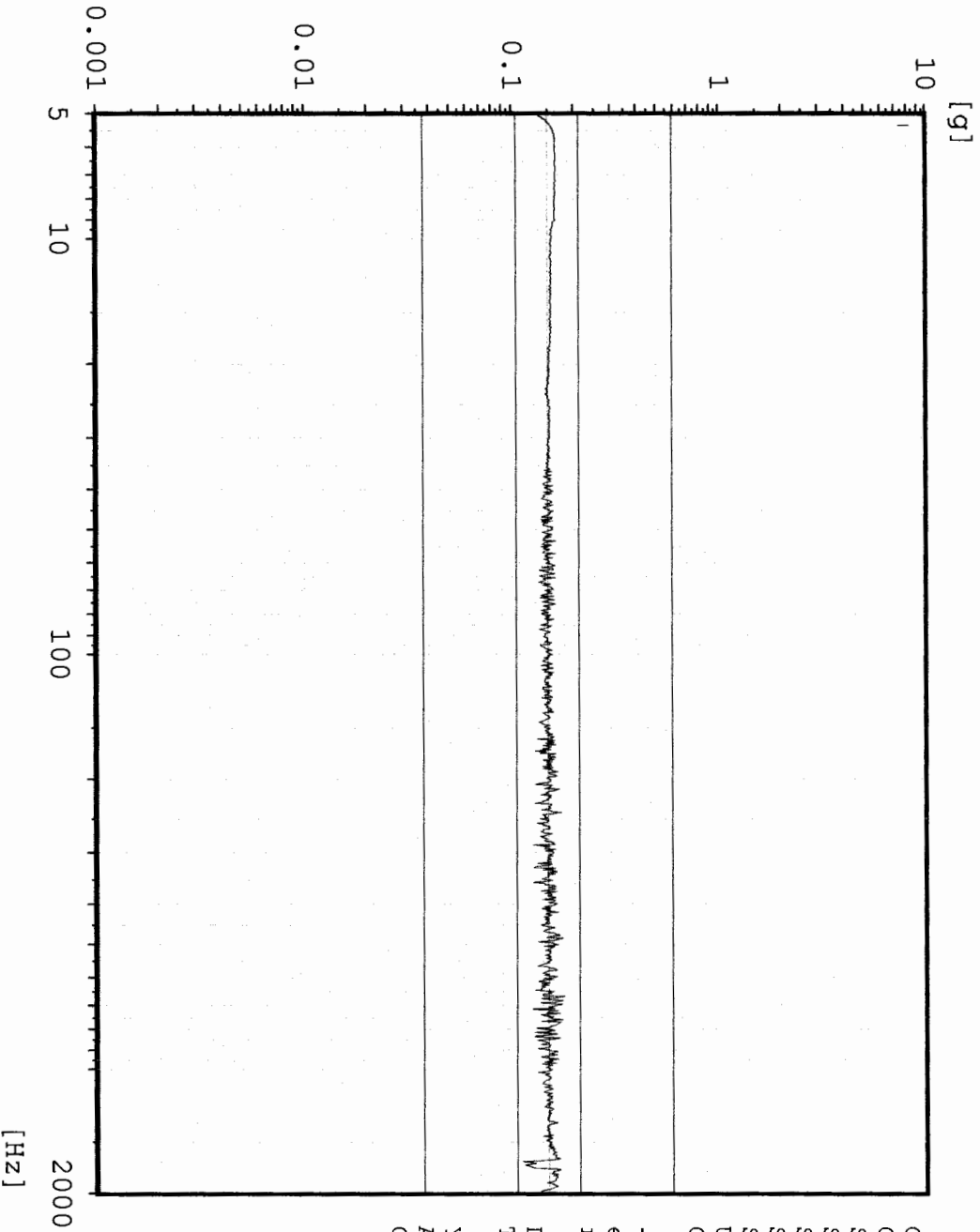
Y - Axis
 Acceptance Unit
 GIAT 1849

Sine CY1 Y-Axis Control

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 1
Chan.type: CW Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

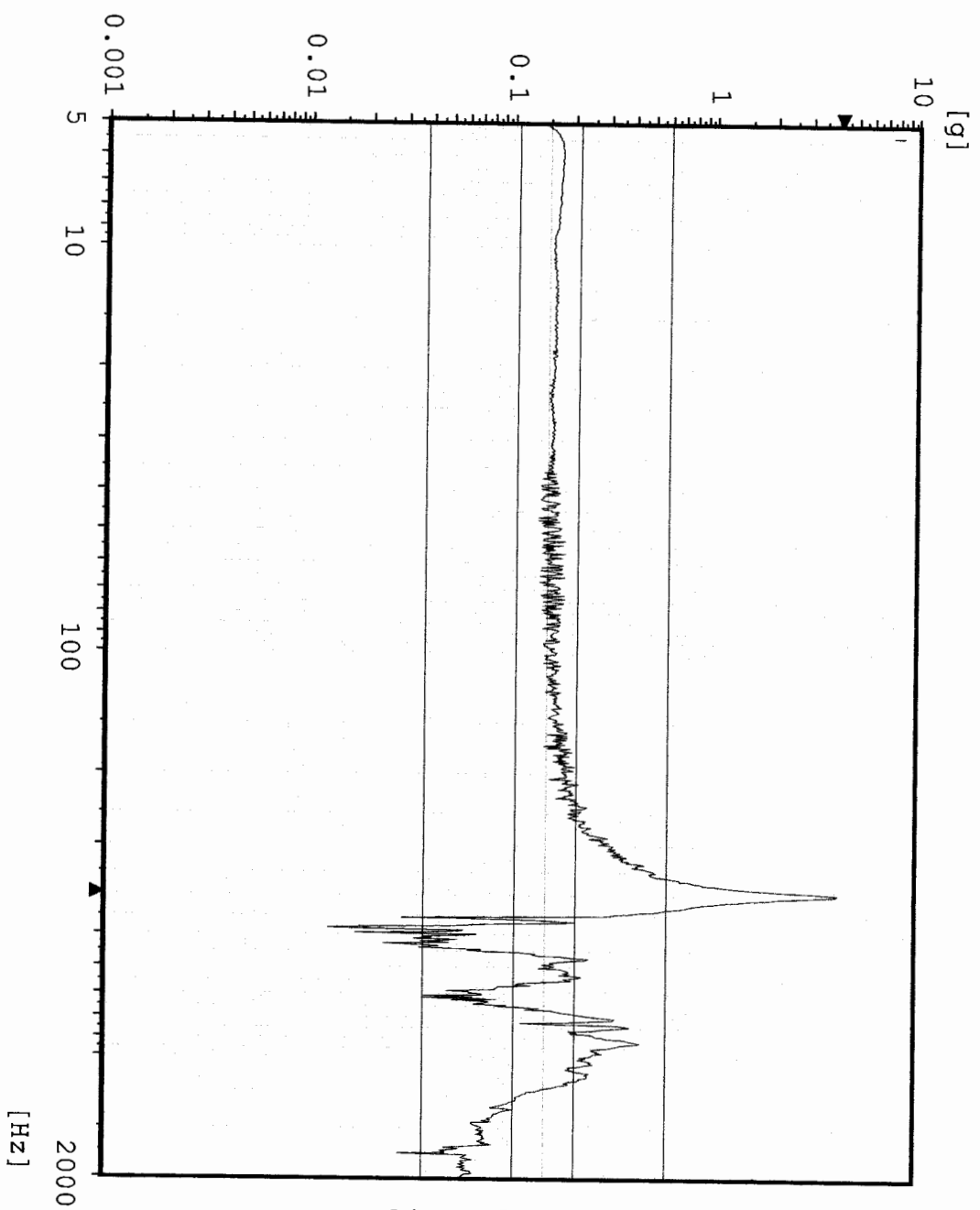
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 11:10:55

Y - axis Post Random
Acceptance Unit
GLAT 1849

Sine AY3 TPS Top Center

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 2
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

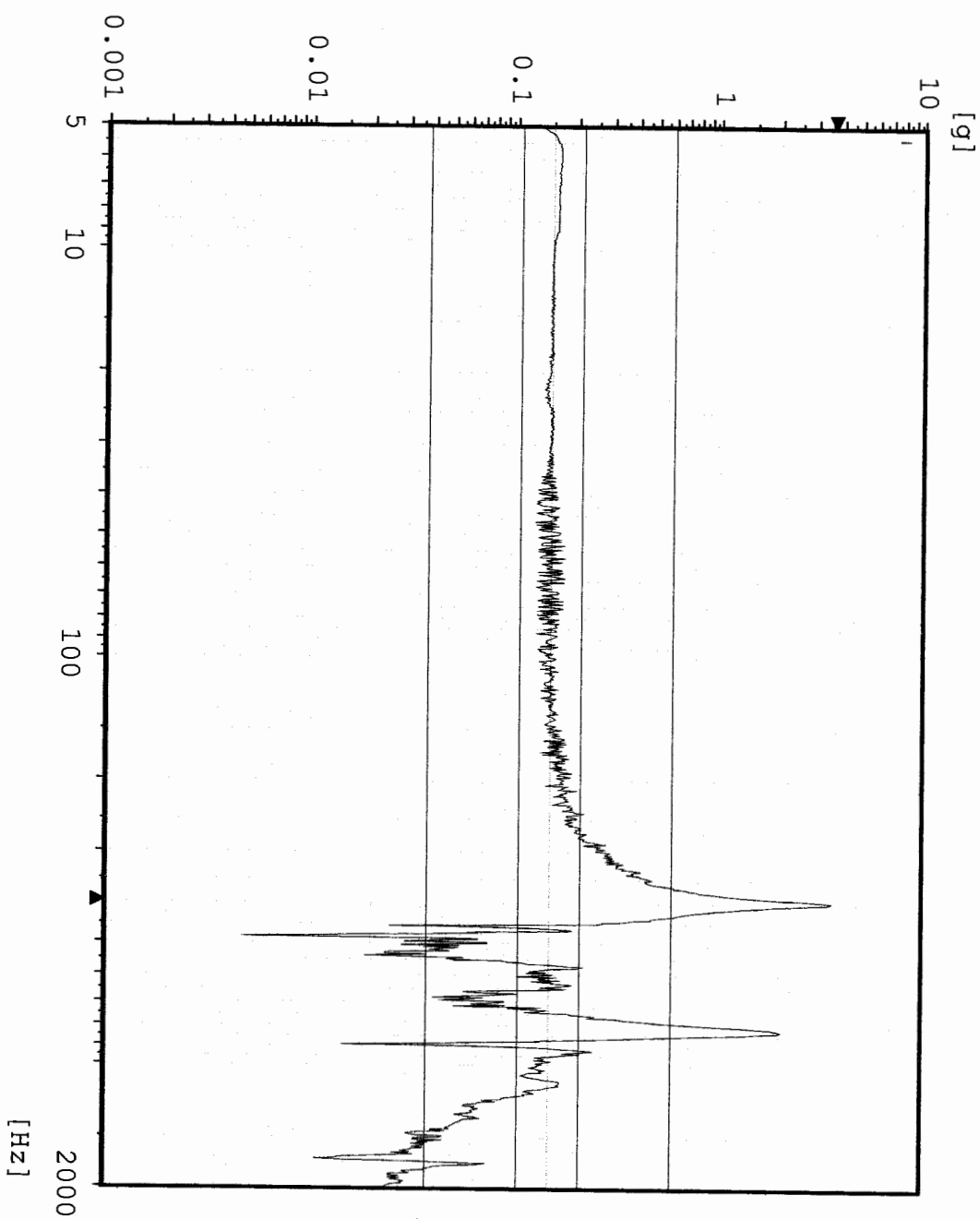
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 11:10:55

Y - axis Post Random
Acceptance Unit
GIAT 1849
  
```

Sine AY4 TPS Top Edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



Chan.no: 3 M Filtered
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

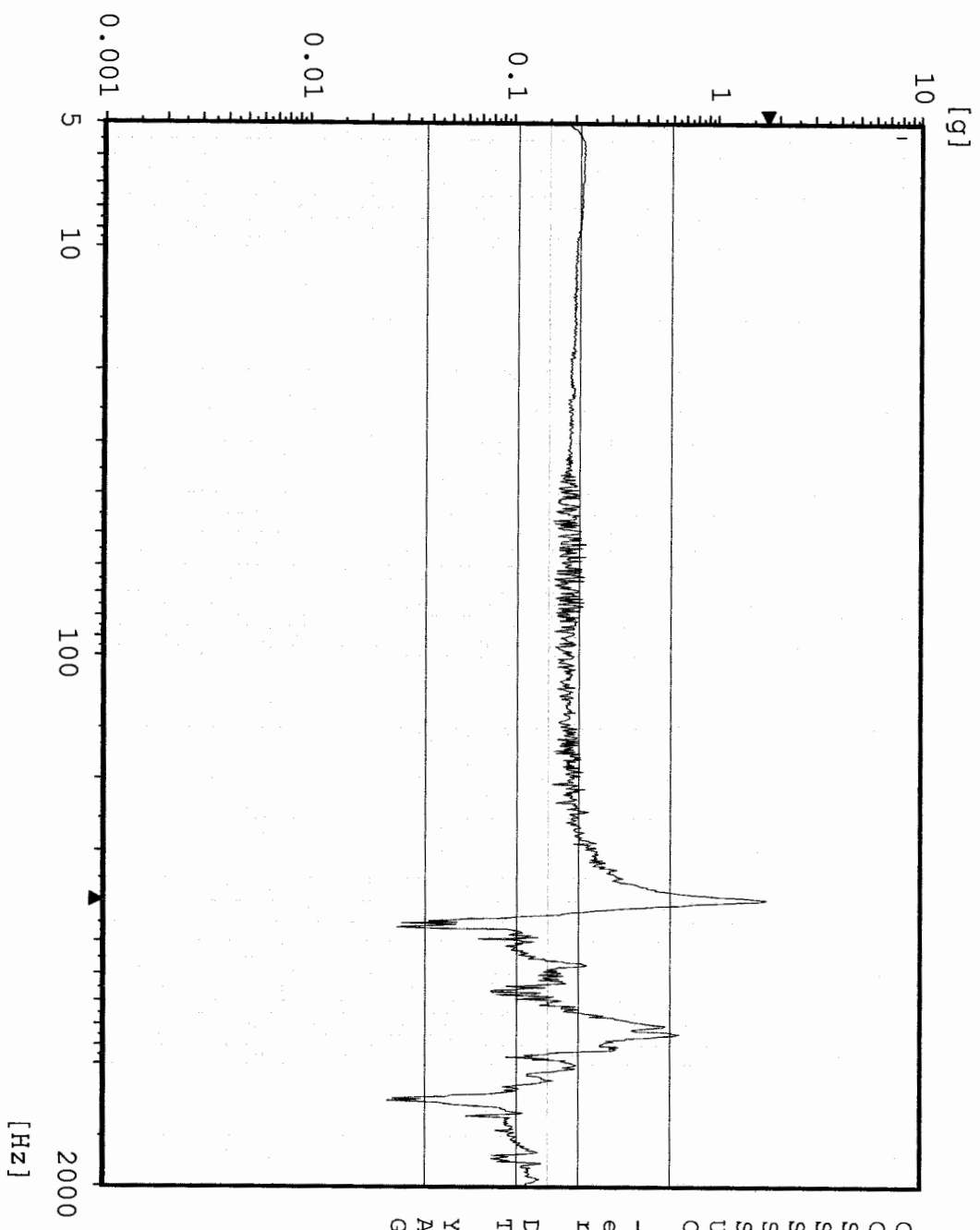
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 11:10:55

Y - axis Post Random
 Acceptance Unit
 GLAT 1849

Sine AY1 TEM Center Edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 5
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 11:10:55

Y - axis Post Random
Acceptance Unit
GIAT 1849
  
```

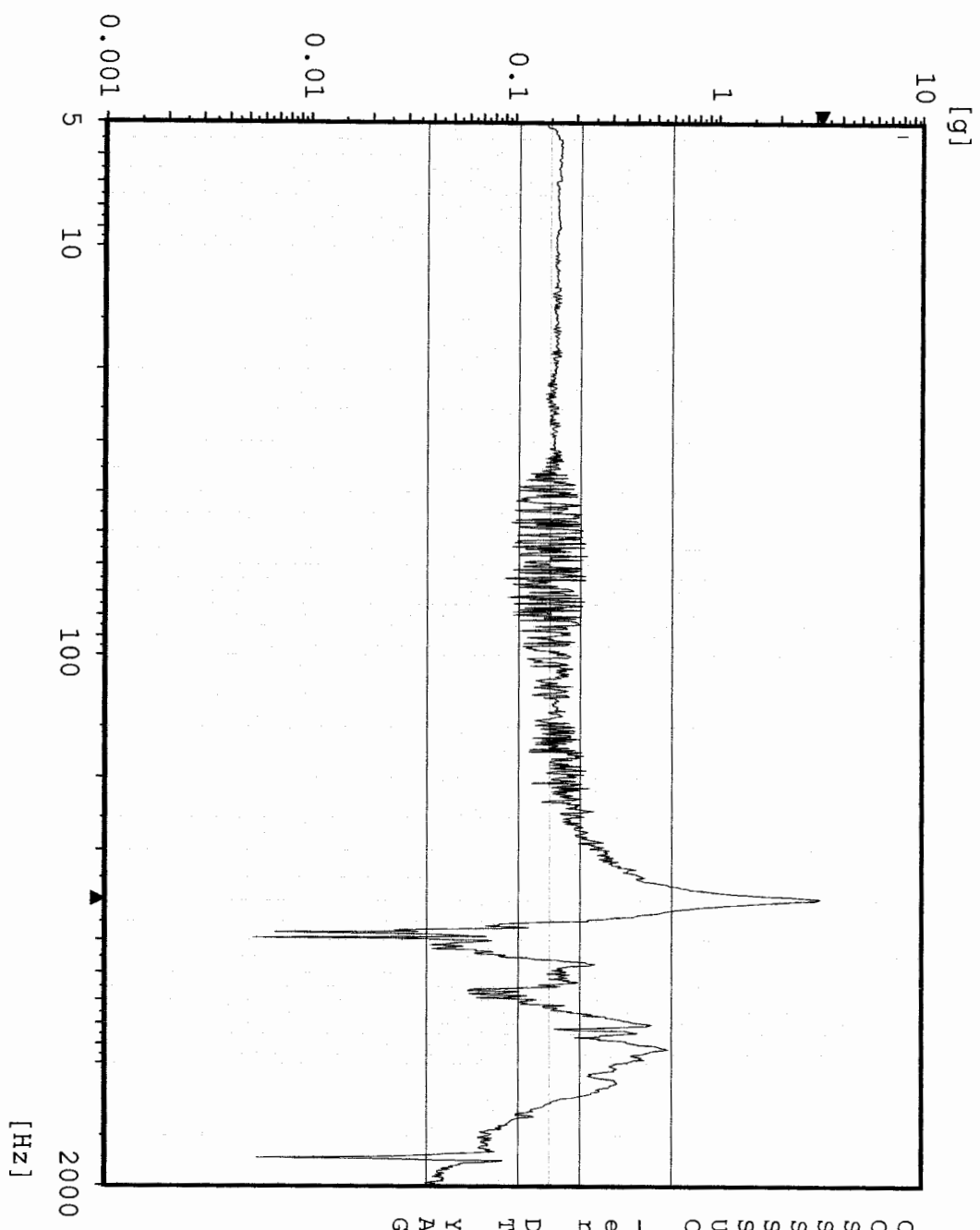
Max: 397.2 Hz 3.173 g

Sine Stanford Linear Accelerator

AY2 TPS CG

J/N 49995.52129

TEM / TPS



Chan.no: 10 M Filtered
 Chan.type: logarithmic
 Sweep type: 1
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 11:10:55

Y - axis Post Random
 Acceptance Unit
 GIAT 1849

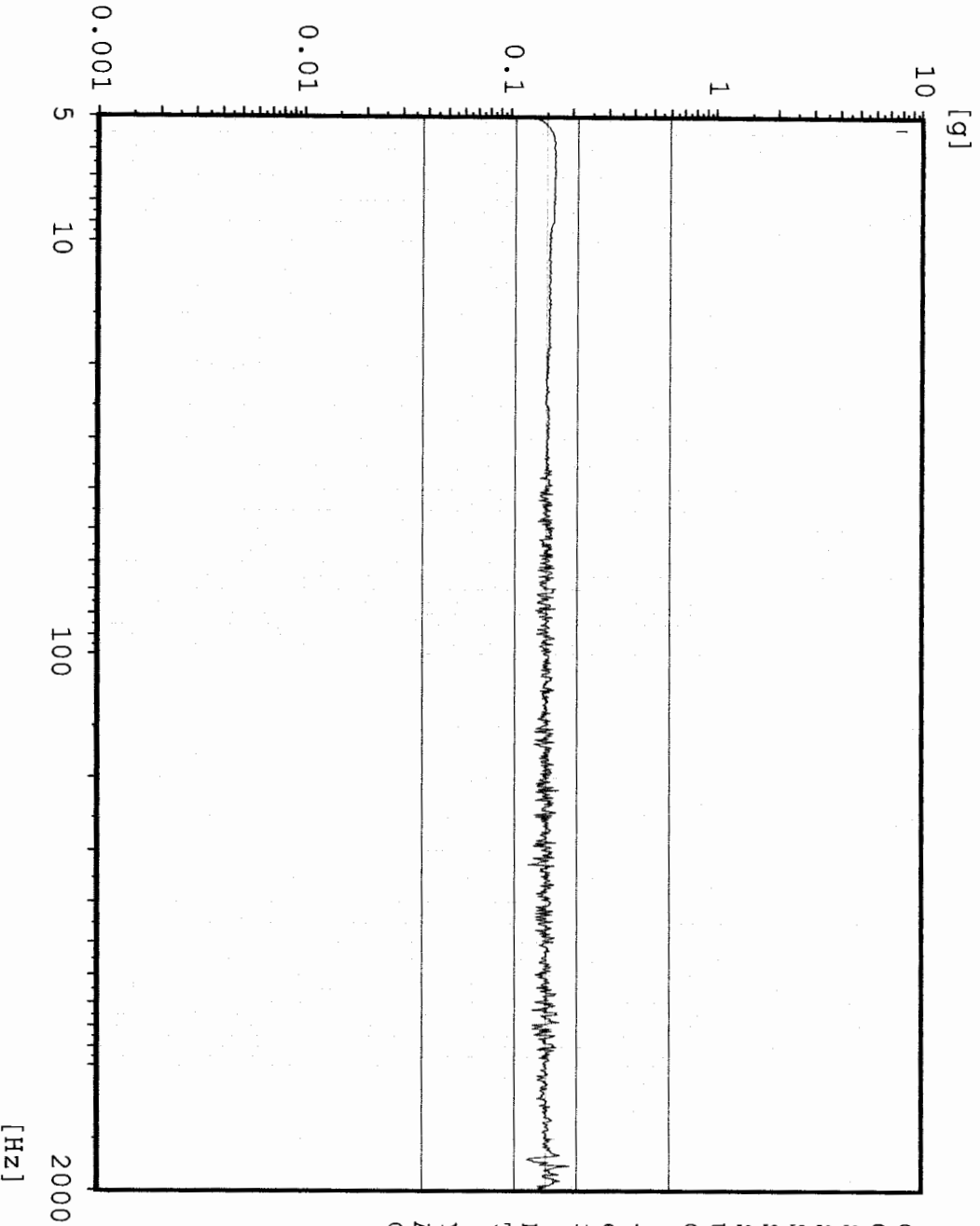
Sine

CY1 Y-Axis Control

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



```

Chan.no: 1
Chan.type: CW Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

```

```

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

```

```

Date: 08-02-05
Time: 11:25:42

```

```

Y - axis Post Random
Acceptance Unit
GIAT 1849

```

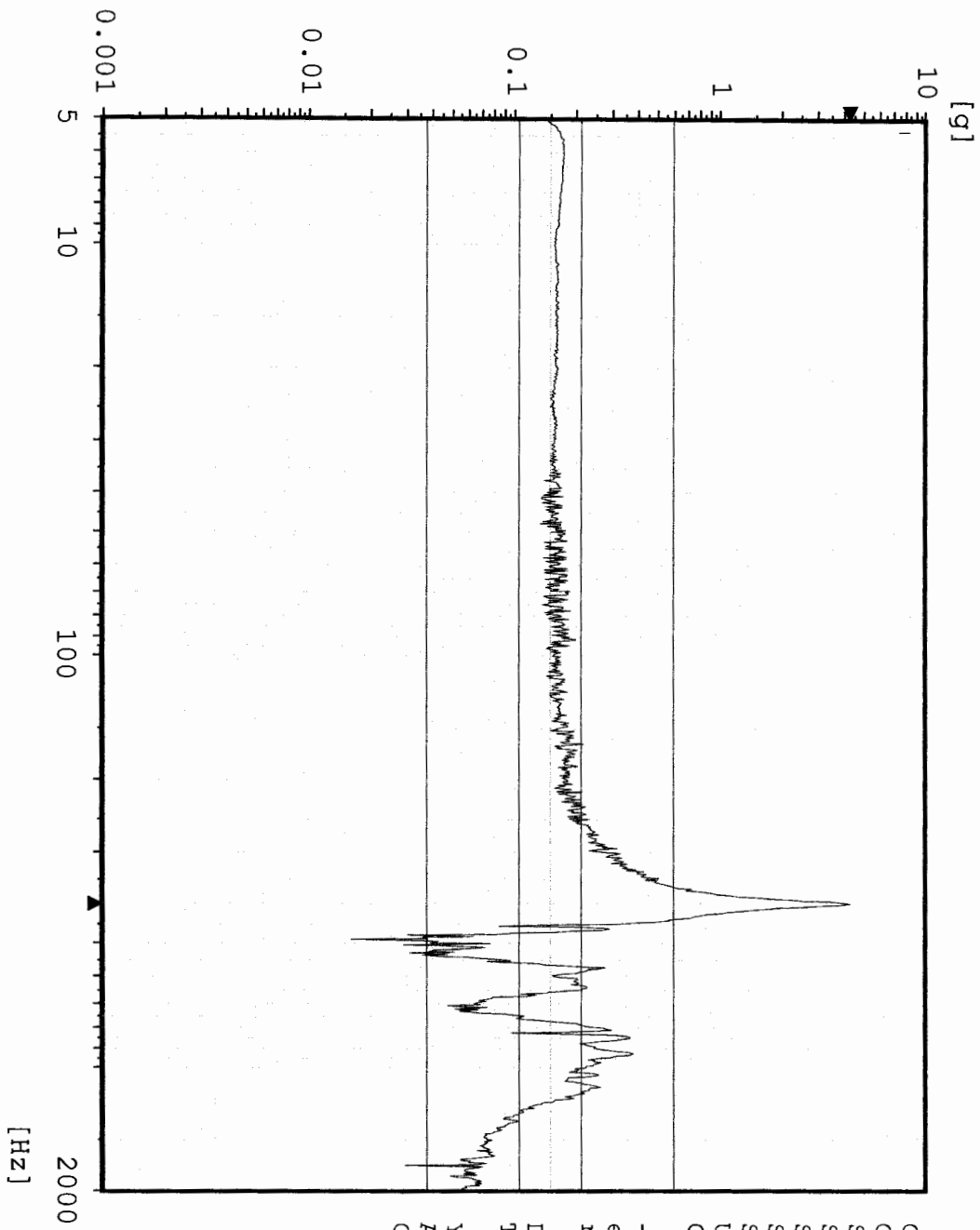
Max: 401.9 Hz 4.292 g

Sine AY3 TPS Top Center

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 2 M Filtered
 Chan.type: logarithmic
 Sweep type: logarithmic
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

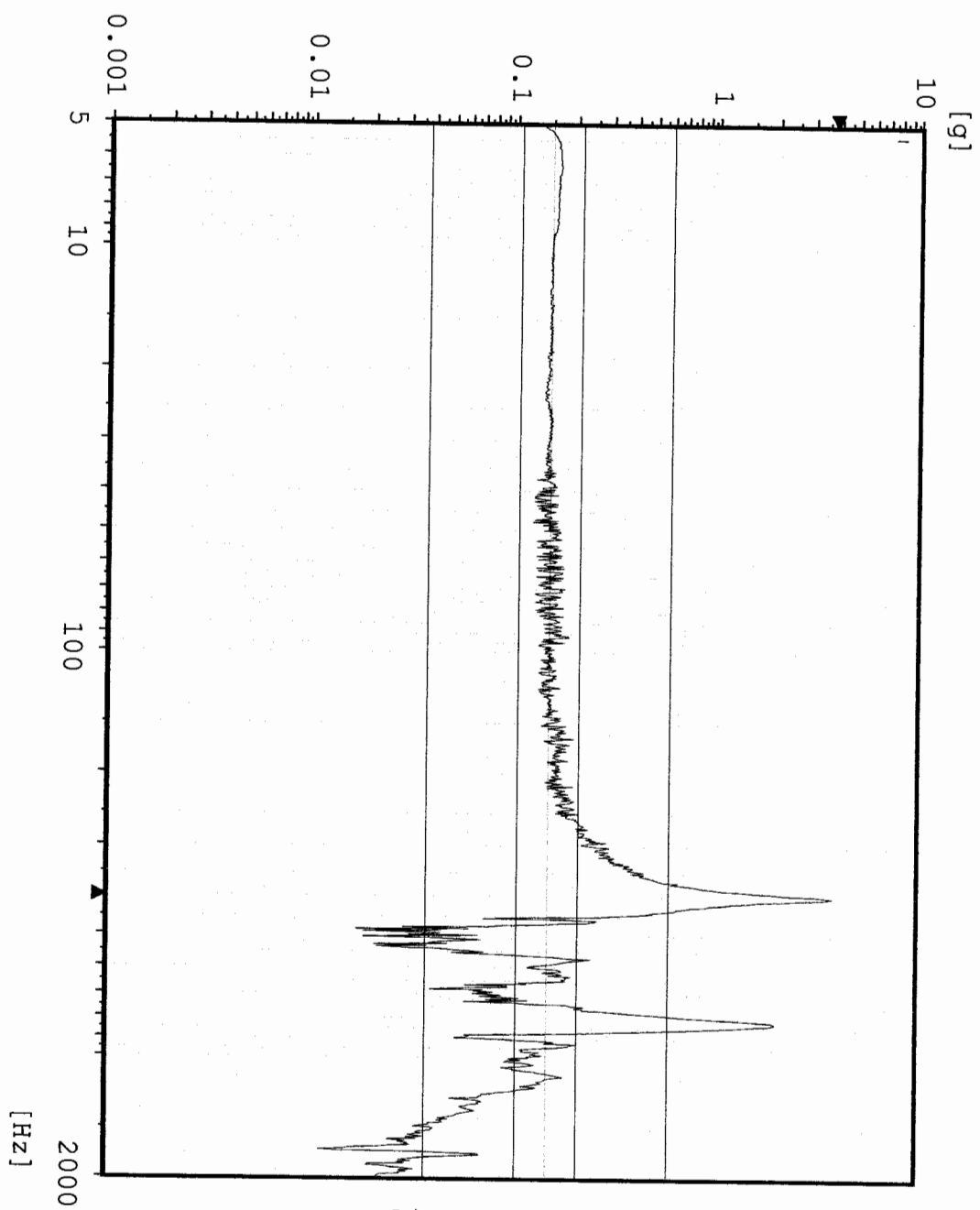
Date: 08-02-05
 Time: 11:25:42

Y - axis Post Random
 Acceptance Unit
 GIAT 1849

Max: 401.9 Hz 3.814 g

Sine
Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS

AY4 TPS Top Edge



```

Chan.no: 3
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

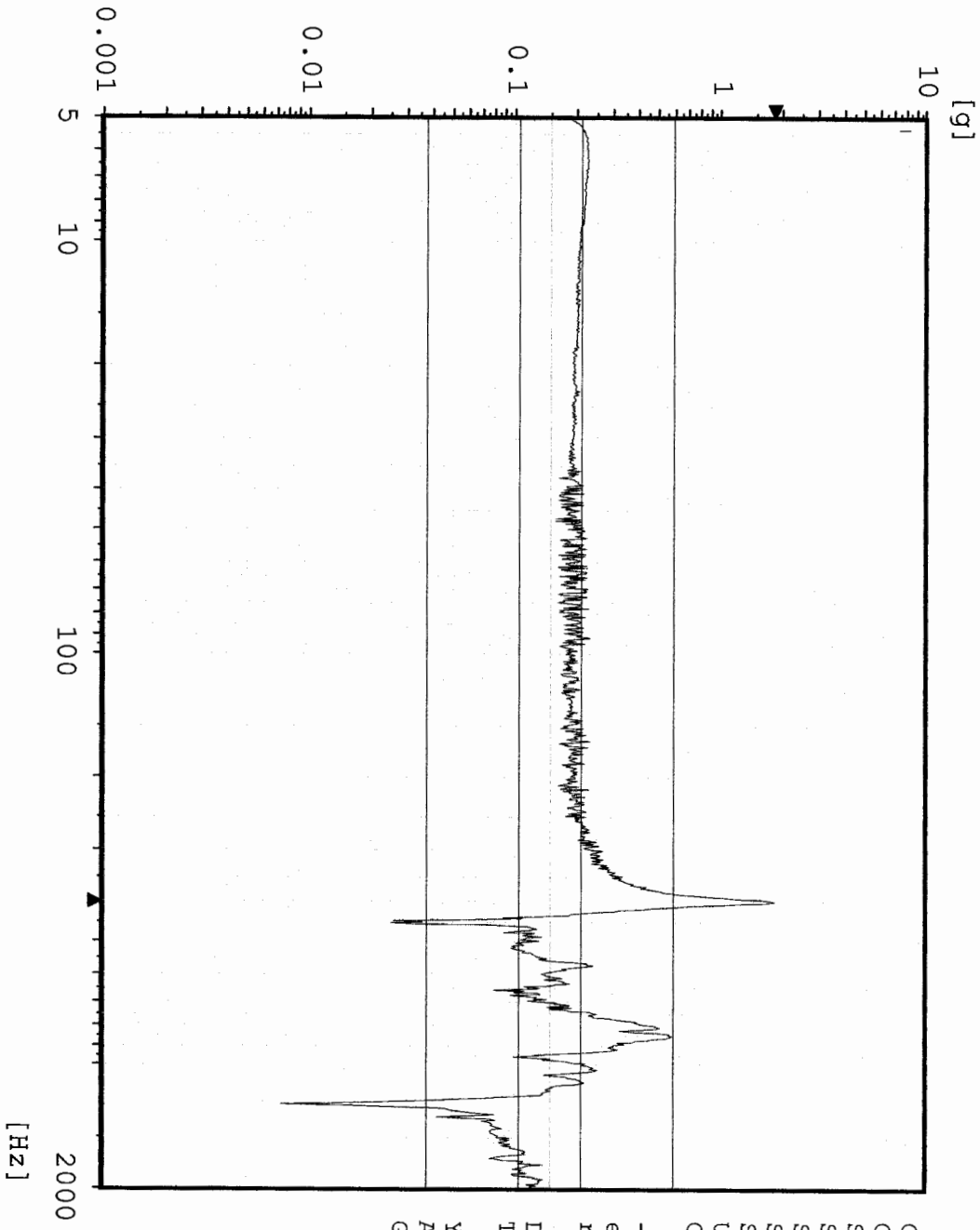
Date: 08-02-05
Time: 11:25:42

Y - axis Post Random
Acceptance Unit
GIAT 1849
  
```

Max: 401.9 Hz 1.844 g

Sine AY1 TEM Center Edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



Chan.no: 5 M Filtered
 Chan.type: logarithmic
 Sweep type: 1
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00
 Date: 08-02-05
 Time: 11:25:42

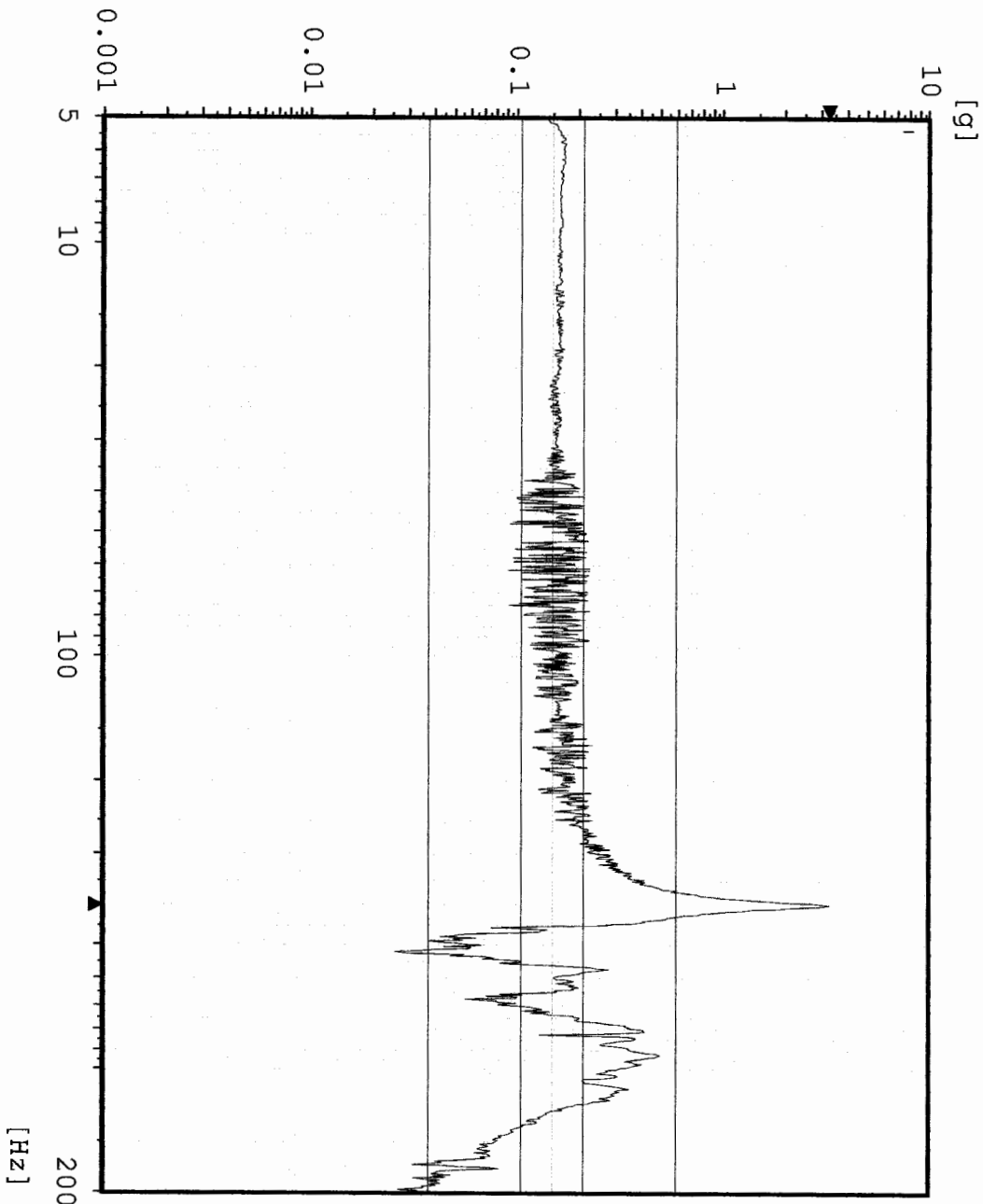
Y - axis Post Random
 Acceptance Unit
 GIAT 1849

Max: 401.9 Hz 3.281 g

Sine

AY2 TPS CG

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 10 M Filtered
Chan.type: Logarithmic
Sweep type: Logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 11:25:42

Y - axis Post Random
Acceptance Unit
GLAT 1849
  
```

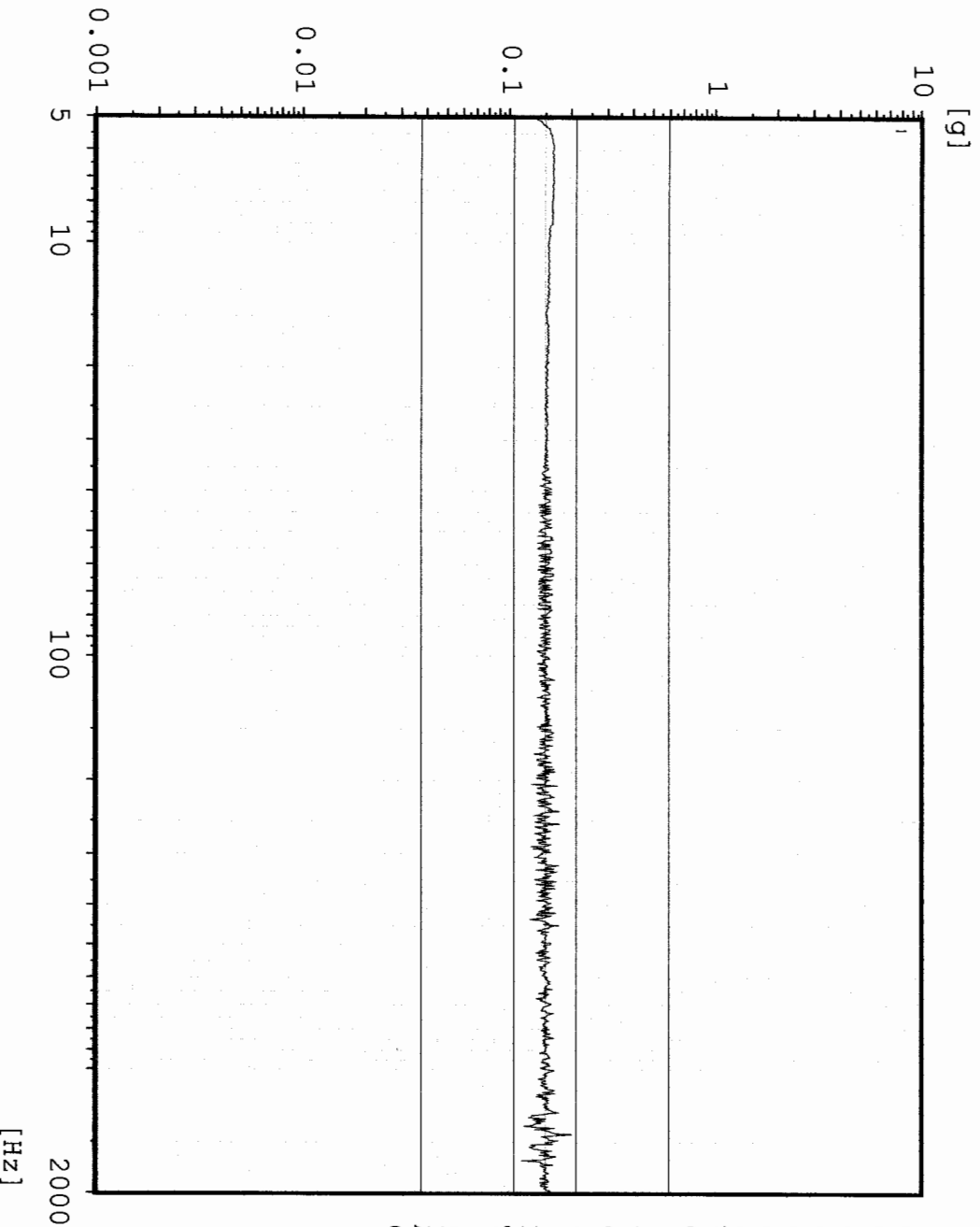
Sine

CZ1 Z-Axis Control

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



```

Chan.no:      1
Chan.type:    CW      Filtered
Sweep type:   logarithmic
Sweeps done:  1
Sweeps req.:  1
Sweep direct.: up
Sweep rate:   2.00 Oct/min
Unit:         g
Contr.strat.: Closed loop
  
```

```

-- Testing time --
elapsed:      000:04:18
remaining:    000:00:00
  
```

```

Date:         08-02-05
Time:         12:28:15
  
```

```

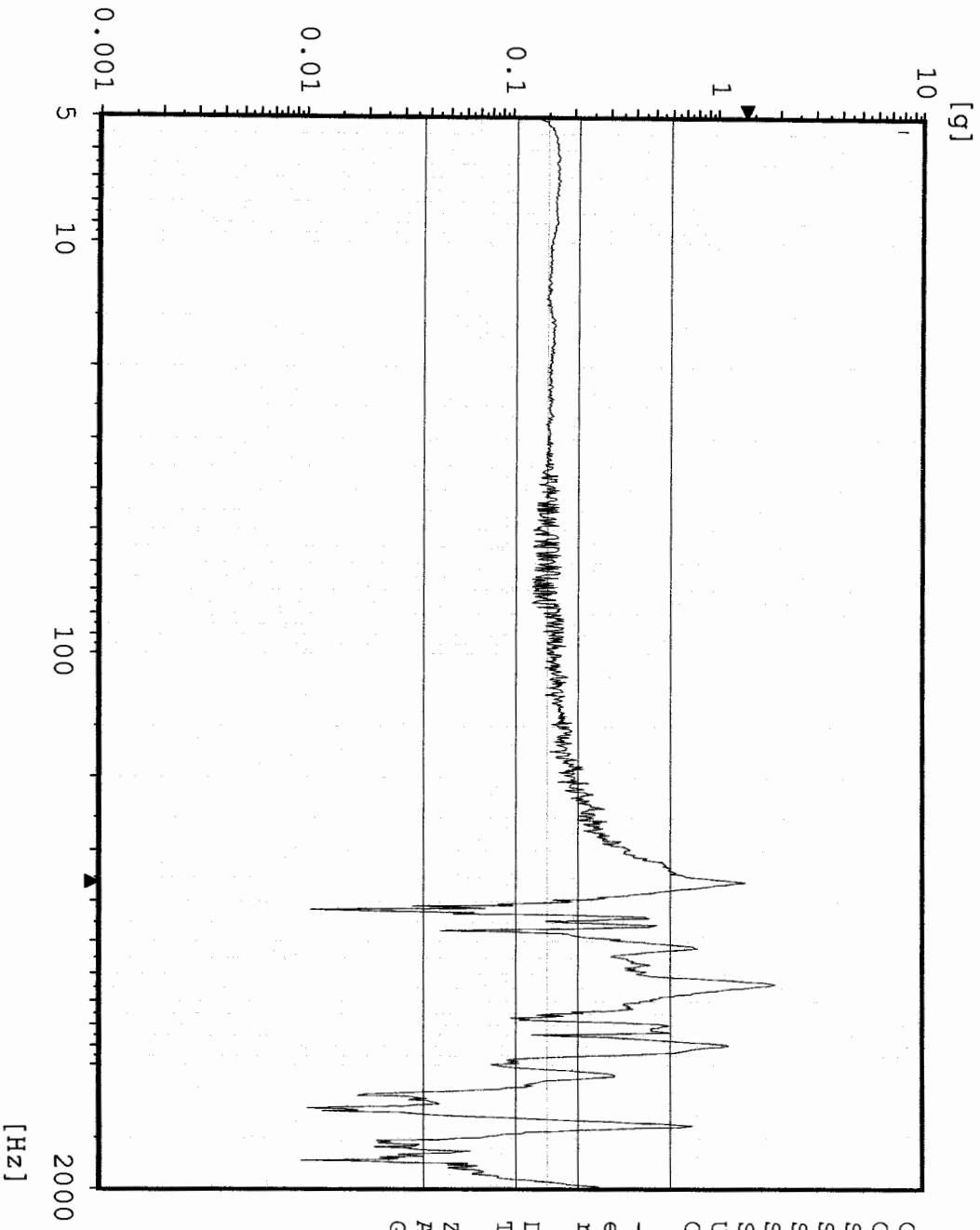
Z - axis      Pre Random
Acceptance Unit
GLAT 1849
  
```

Sine
Stanford Linear Accelerator

AZ4 TPS Boss 2



J/N 49995.52129
TEM / TPS



```

Chan.no:      2
Chan.type:    M Filtered
Sweep type:   logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate:   2.00 Oct/min
Unit:         g
Contr.strat.: Closed loop

-- Testing time --
elapsed:      000:04:18
remaining:    000:00:00

Date:         08-02-05
Time:         12:28:15

Z - axis     Pre Random
Acceptance Unit
GLAT 1849
  
```

Max: 359.6 Hz 1.959 g

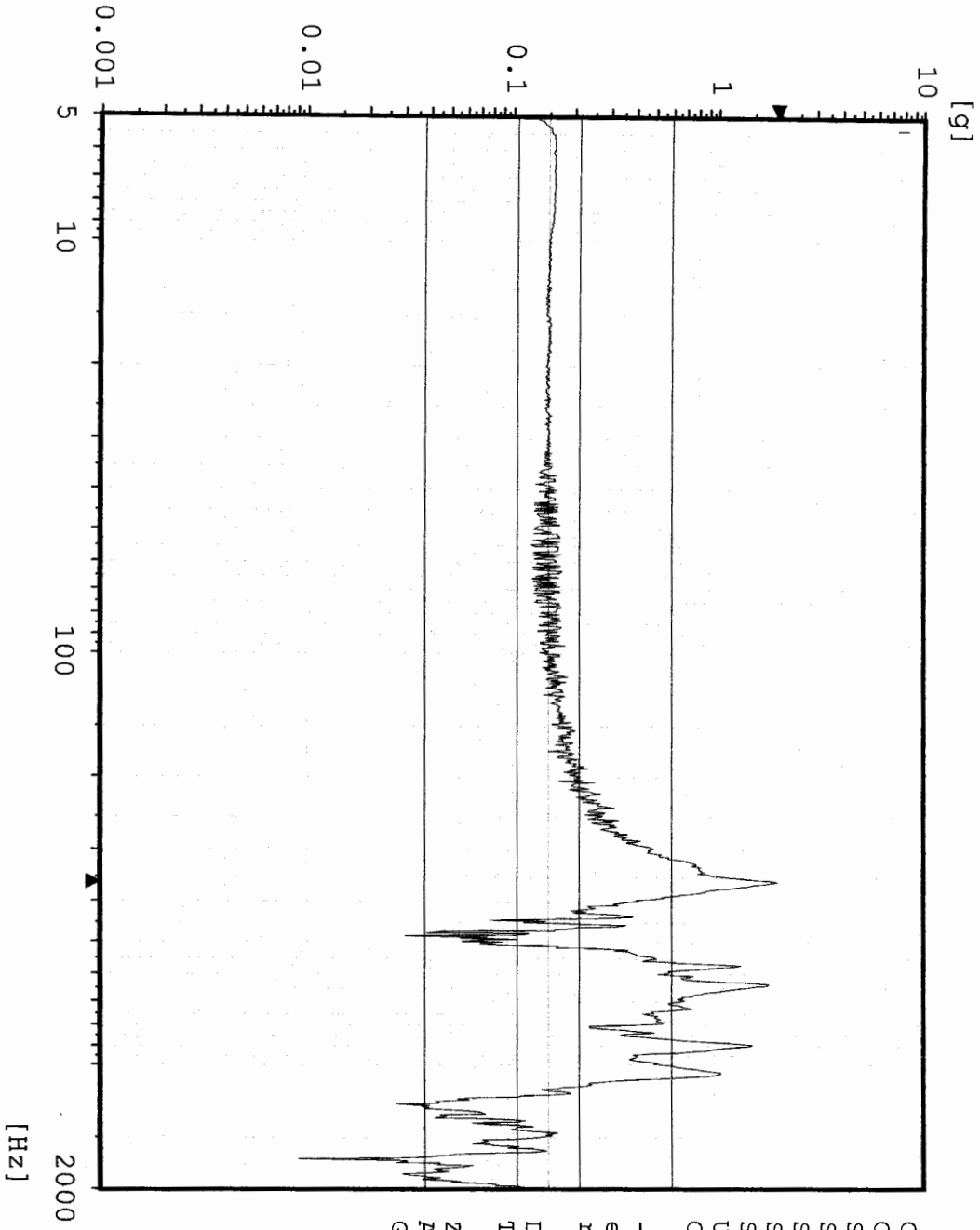
Sine

AZ3 TPS Boss 1

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



```

Chan.no: 3
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

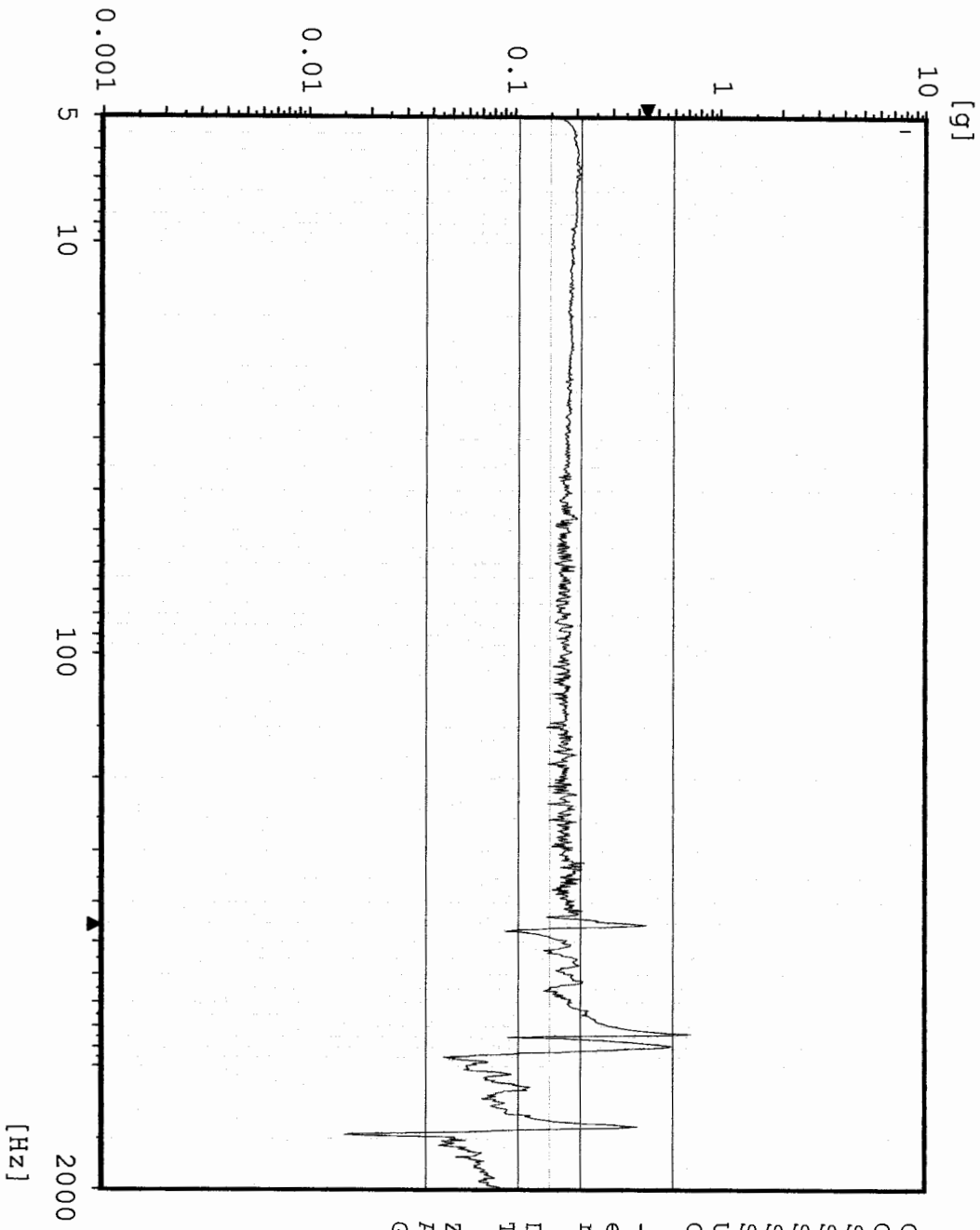
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 12:28:15

Z - axis Pre Random
Acceptance Unit
GIAT 1849
  
```

Sine AZ5 TEM Bottom Edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 5
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 12:28:15

Z - axis Pre Random
Acceptance Unit
GLAT 1849

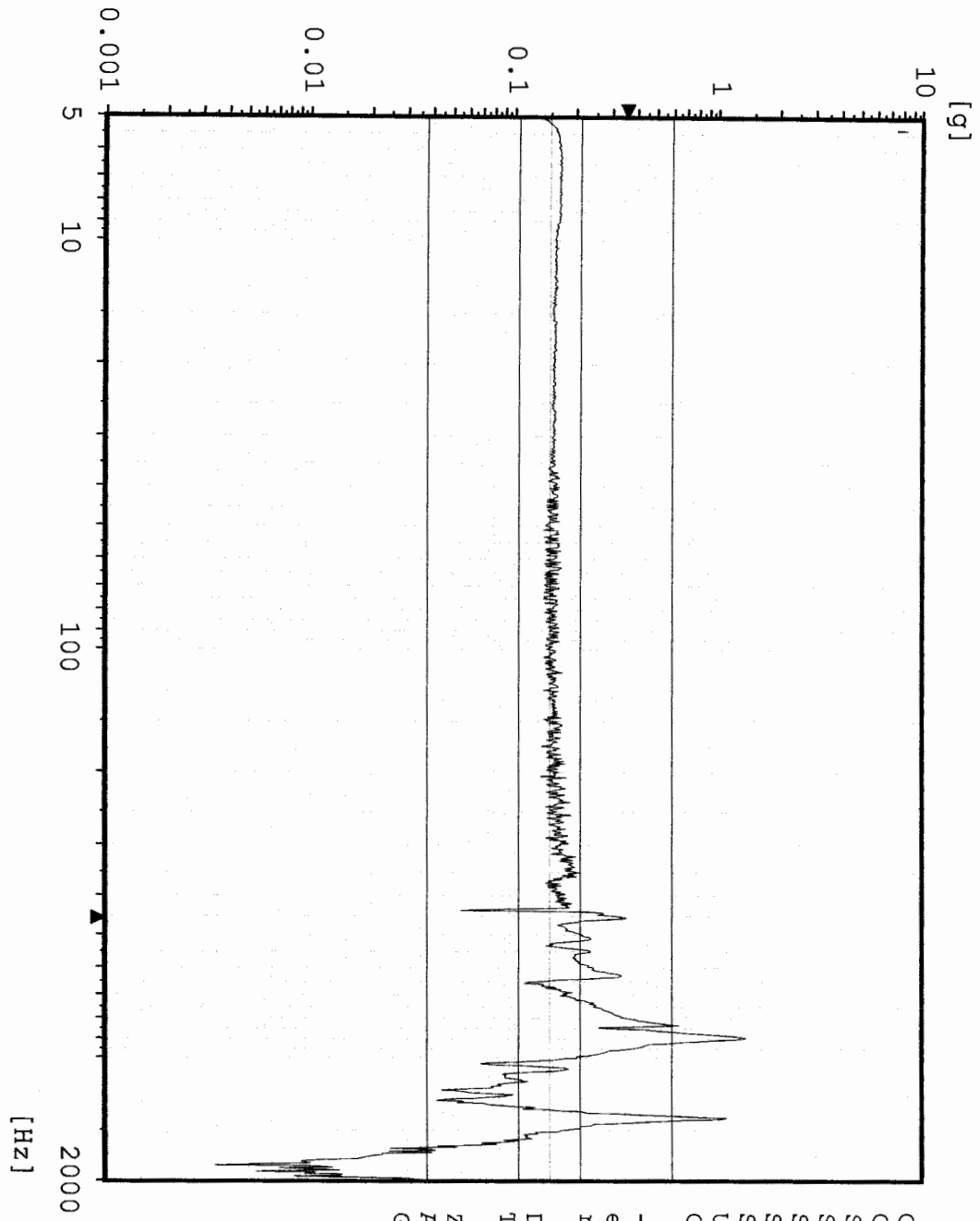
```

Sine AZ1 TPS Edge Center

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



```

Chan.no: 6
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 12:28:15

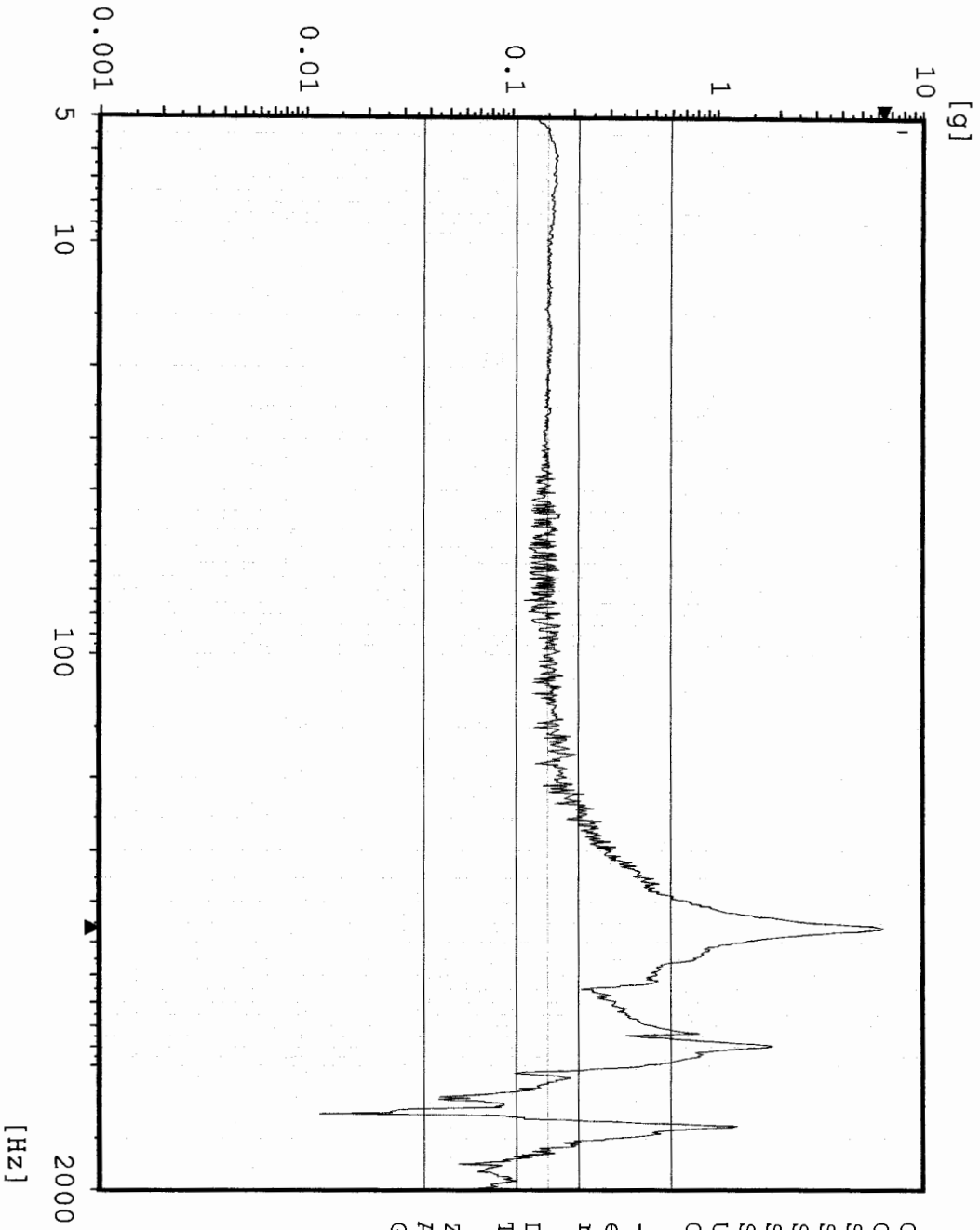
Z - axis Pre Random
Acceptance Unit
GIAT 1849
  
```


Sine AZ6 TEM Bottom Center

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



```

Chan.no:      8
Chan.type:    M Filtered
Sweep type:   logarithmic
Sweeps done:  1
Sweeps req.:  1
Sweep direct.: up
Sweep rate:   2.00 Oct/min
Unit:         g
Contr.strat.: Closed loop

-- Testing time --
elapsed:      000:04:18
remaining:    000:00:00

Date:         08-02-05
Time:        12:28:15

Z - axis     Pre Random
Acceptance Unit
GLAT 1849

```

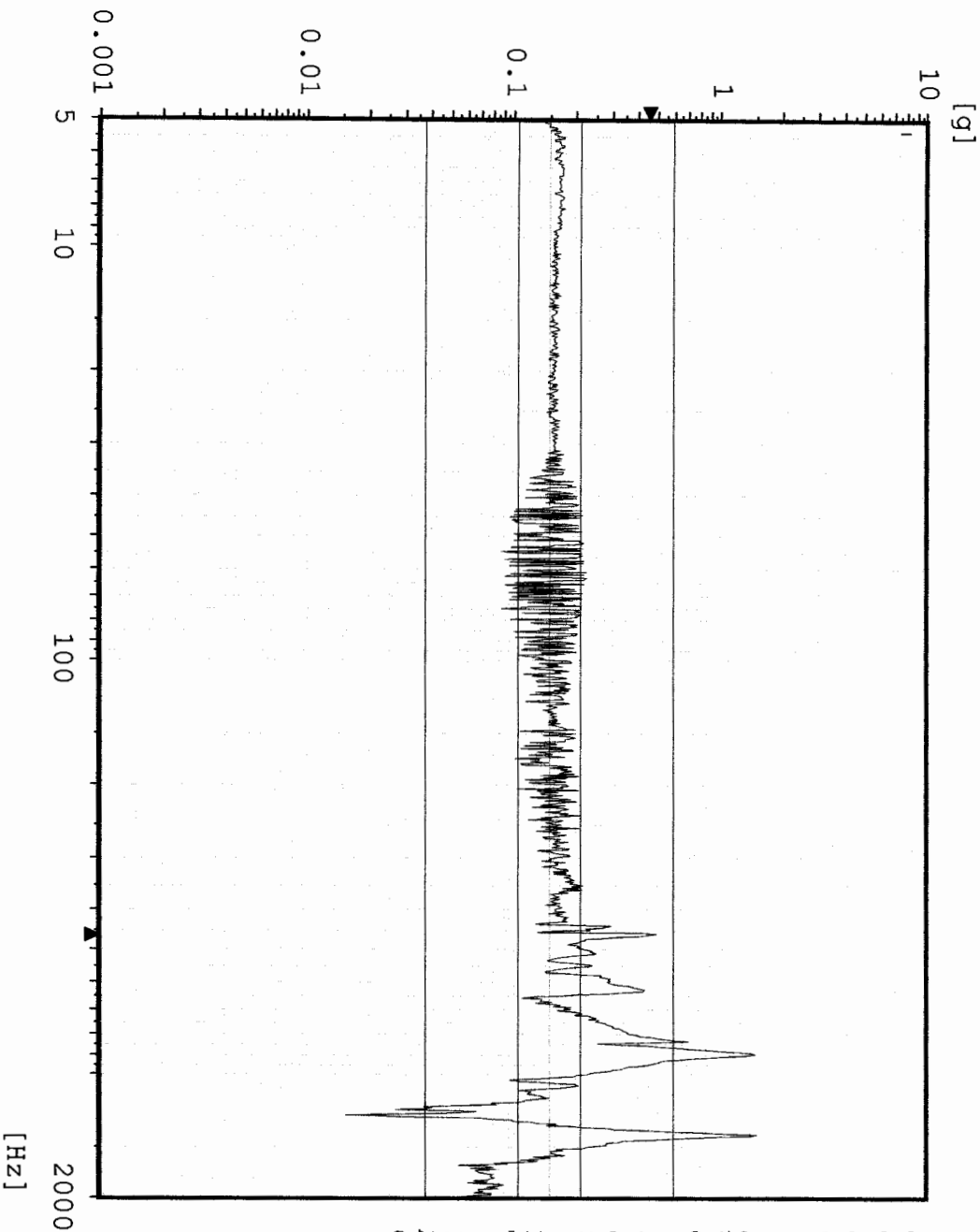
Sine

AZ2 TPS Corner

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



```

Chan.no:      10
Chan.type:    M Filtered
Sweep type:   logarithmic
Sweeps done:  1
Sweeps req.:  1
Sweep direct.: up
Sweep rate:   2.00 Oct/min
Unit:         g
Contr.strat.: Closed loop

-- Testing time --
elapsed:      000:04:18
remaining:    000:00:00

Date:         08-02-05
Time:         12:28:15

Z - axis     Pre Random
Acceptance Unit
GLAT 1849

```

Random

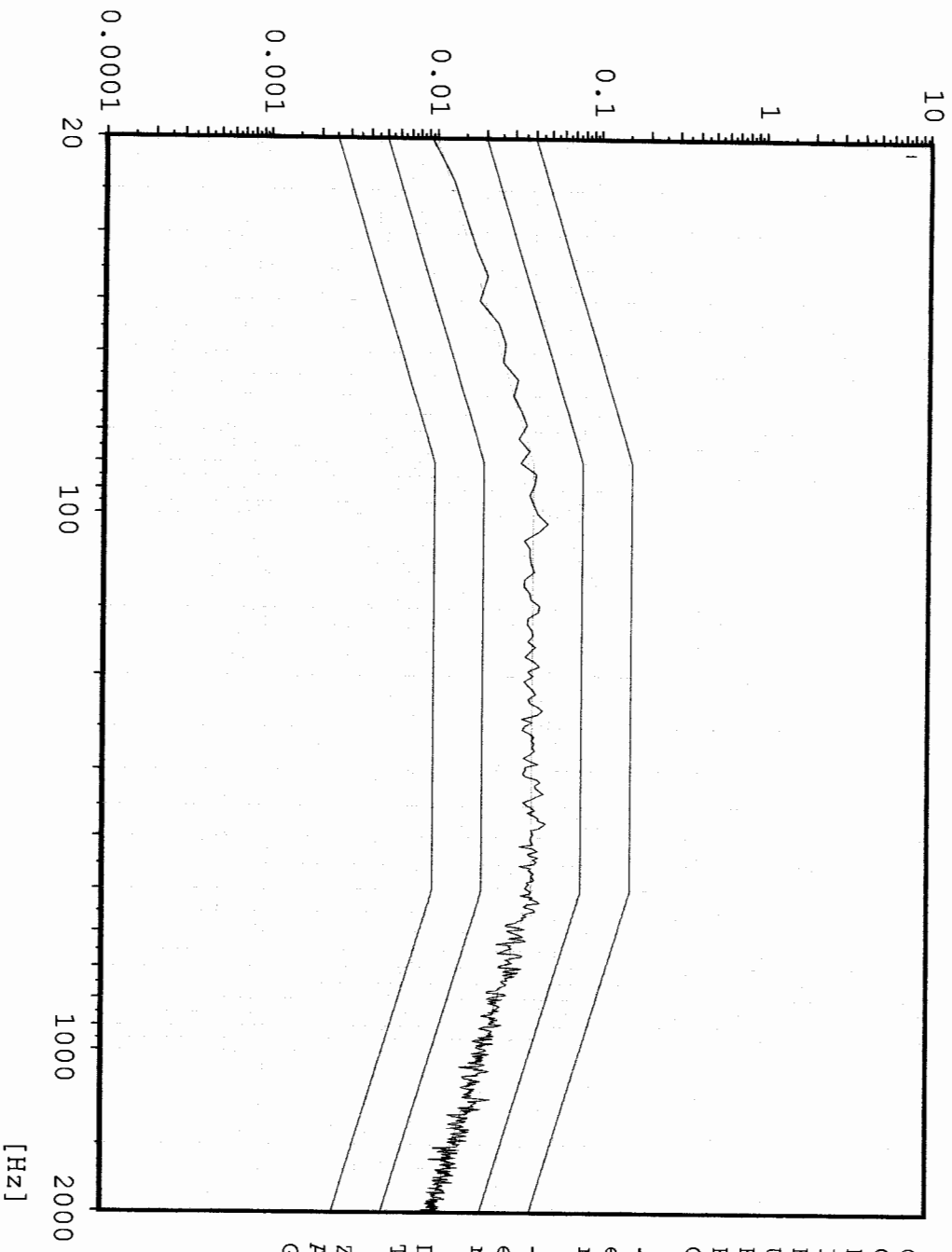
CZ1 Z-Axis Control

Stanford Linear Accelerator

J/N 49995.52115

TEM & TPS

[g²/Hz]



```

Chan.no:      1
Chan.type:    C
DOF:          144
Level:        0.0 dB
Resolution:   4 Hz
Unit:         g²/Hz
RMS (act.):   6.838 g
RMS (req.):   6.787 g
Contr.strat.: Closed loop
  
```

```

-- Time on act. level --
elapsed:      000:01:01
remaining:    000:00:-1
  
```

```

-- Time total --
elapsed:      000:02:56
remaining:    000:00:-1
  
```

```

Date:         08-02-05
Time:         12:36:53
  
```

```

Z - Axis
Acceptance Unit
GLAT 1849
  
```

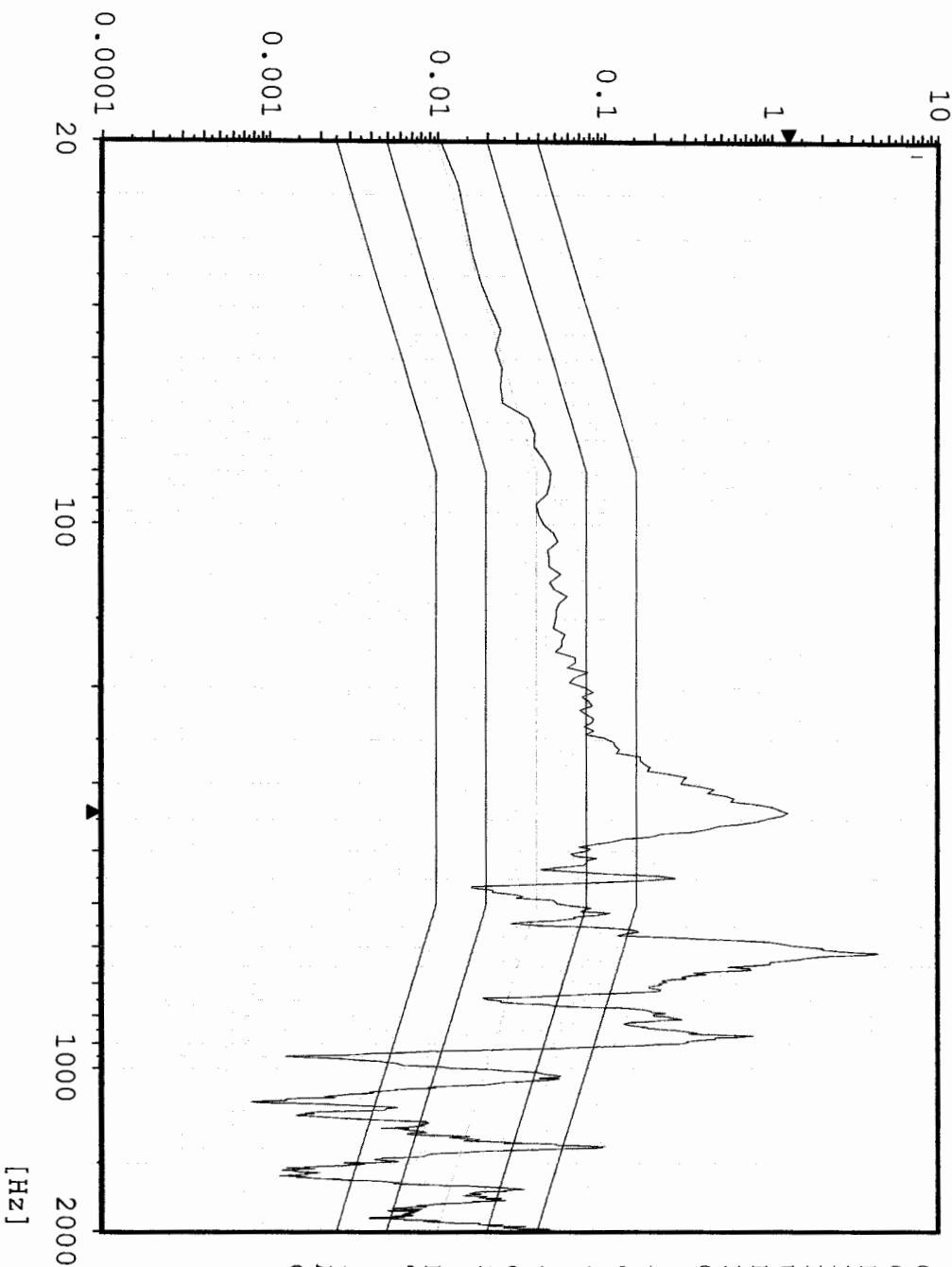
Random

AZ4 TPS Boss 2

Stanford Linear Accelerator
J/N 49995.52115

TEM & TPS

[g²/Hz]



Chan.no: 2
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 17.16 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:01
remaining: 000:00:-1

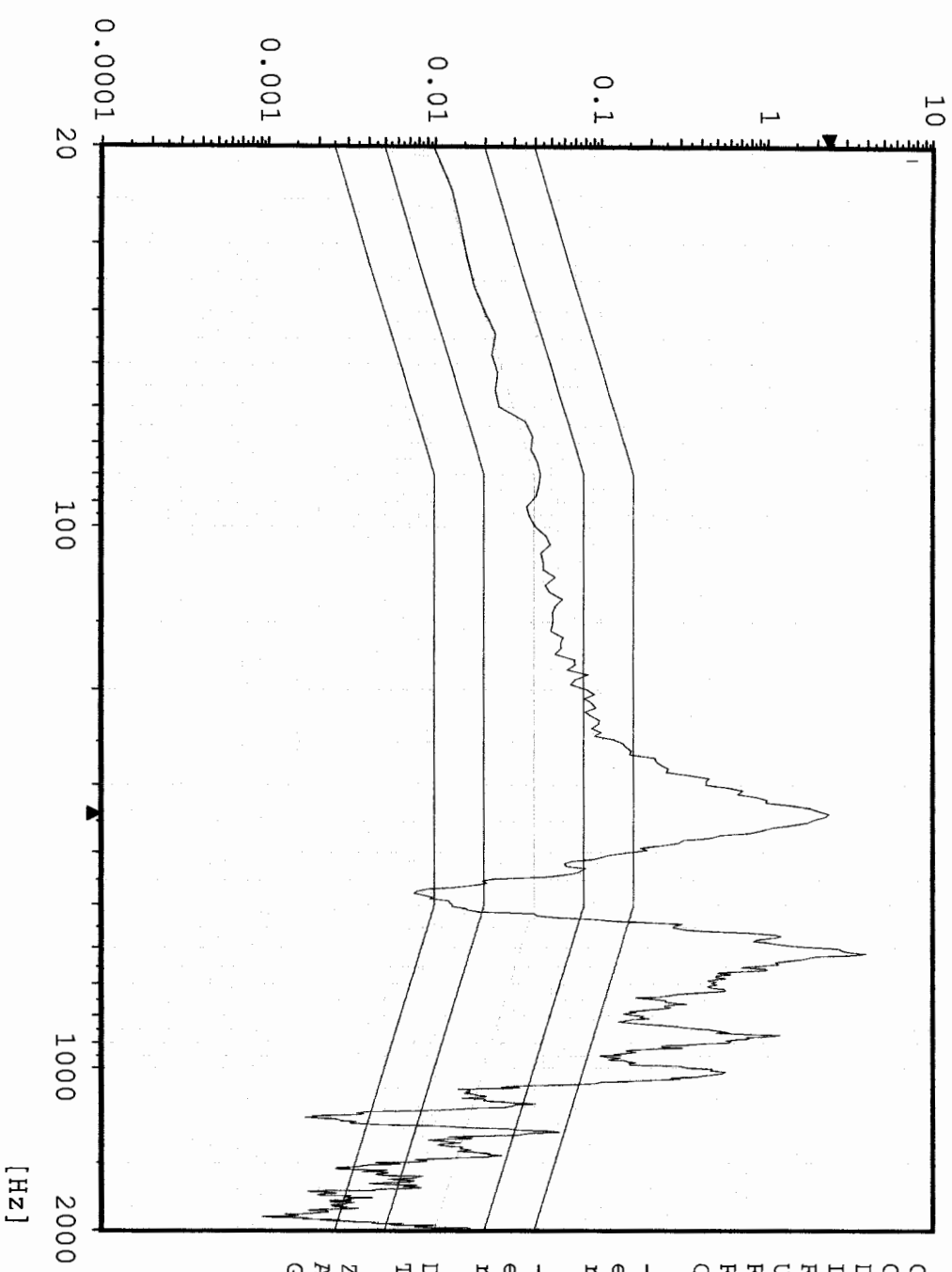
-- Time total --
elapsed: 000:02:56
remaining: 000:00:-1

Date: 08-02-05
Time: 12:36:53

Z - Axis
Acceptance Unit
GIAT 1849

Random AZ3 TPS Boss 1

Stanford Linear Accelerator
J/N 49995.52115
TEM & TPS



Chan.no: 3
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 21.25 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

-- Time on act. level --
 elapsed: 000:01:01
 remaining: 000:00:-1

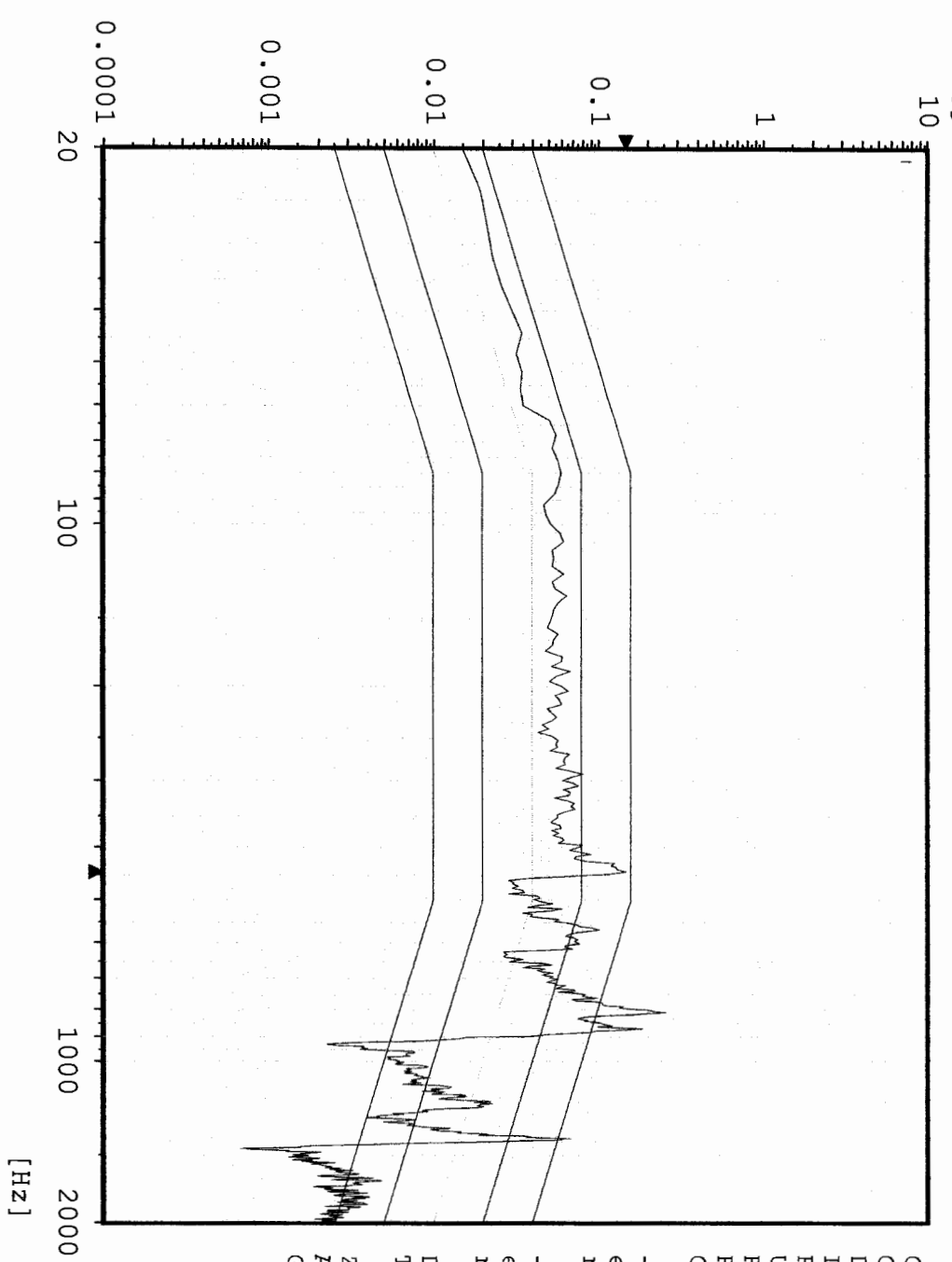
-- Time total --
 elapsed: 000:02:56
 remaining: 000:00:-1

Date: 08-02-05
 Time: 12:36:53

Z - Axis
 Acceptance Unit
 GLAT 1849

Random AZ5 TEM Bottom Edge

Stanford Linear Accelerator
J/N 49995.52115
TEM & TPS



Chan.no: 5
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 8.178 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

-- Time on act. level --
 elapsed: 000:01:01
 remaining: 000:00:-1

-- Time total --
 elapsed: 000:02:56
 remaining: 000:00:-1

Date: 08-02-05
 Time: 12:36:53

Z - Axis
 Acceptance Unit
 GLAT 1849

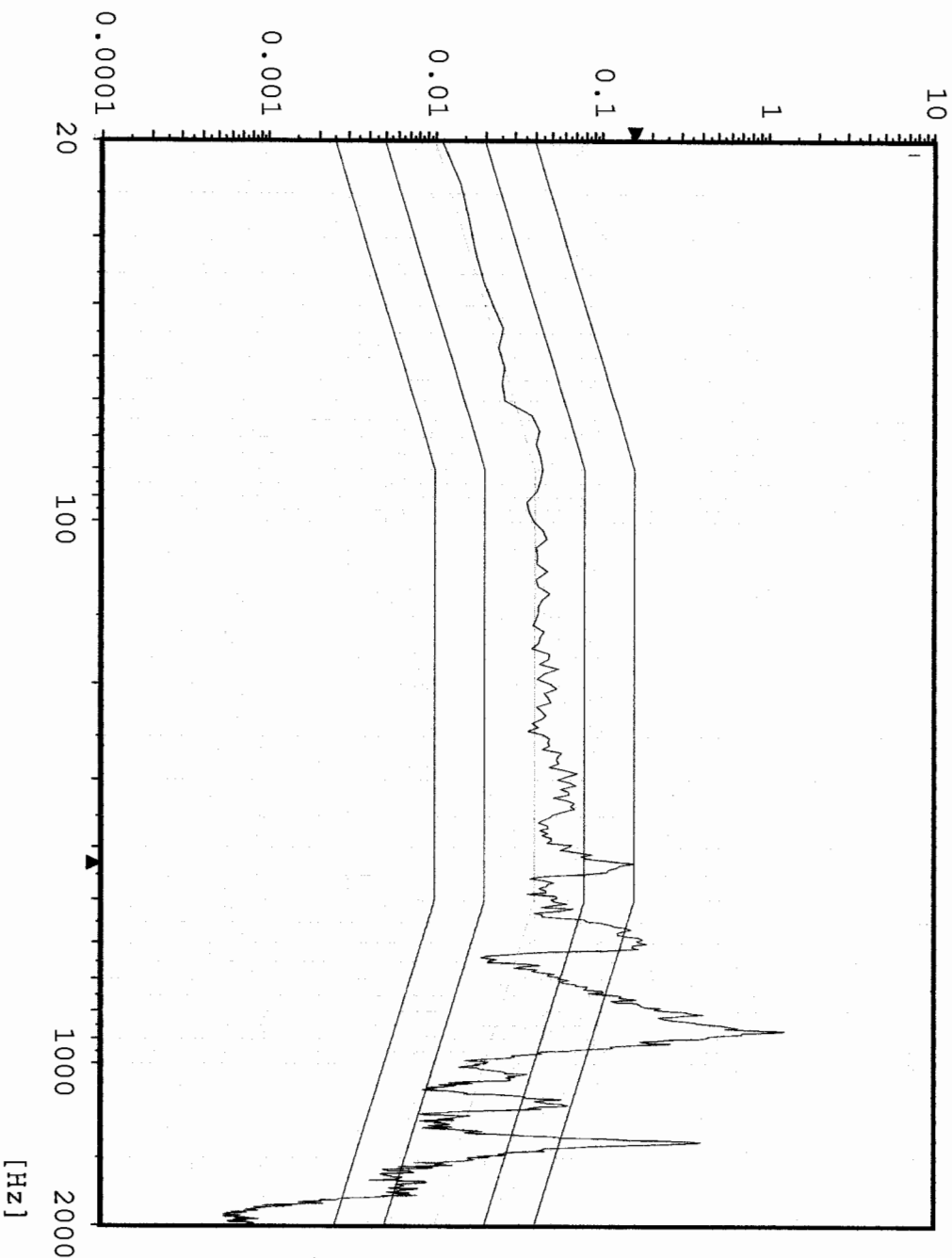
Cursor: 428 Hz 0.1584 g²/Hz

Random AZ1 TPS Edge Center

Stanford Linear Accelerator
J/N 49995.52115
TEM & TPS



[g²/Hz]



Chan.no: 6
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 11.8 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:01
remaining: 000:00:-1

-- Time total --
elapsed: 000:02:56
remaining: 000:00:-1

Date: 08-02-05
Time: 12:36:53

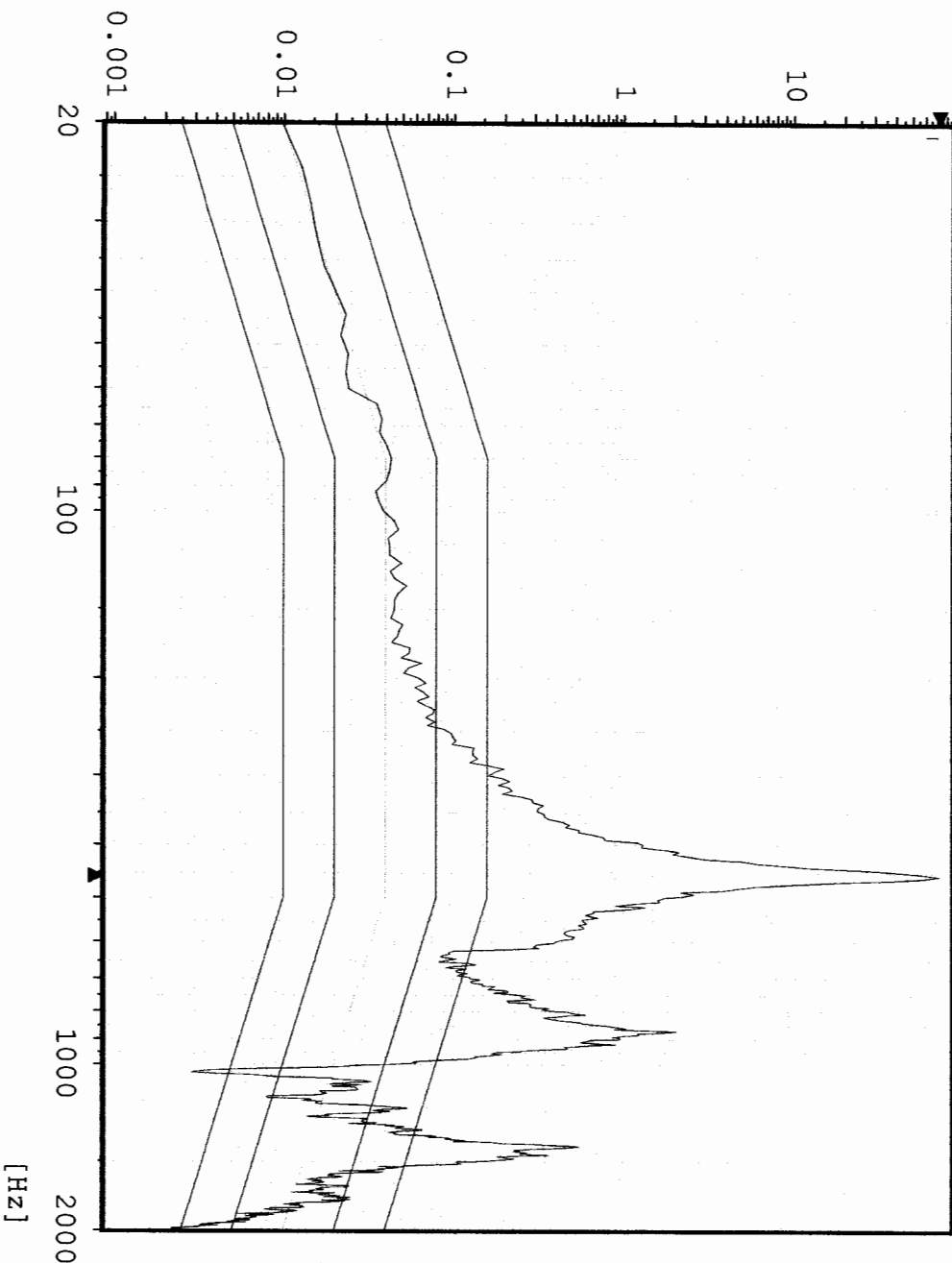
Z - Axis
Acceptance Unit
GLAT 1849

Random AZ6 TEM Bottom Center

Stanford Linear Accelerator
J/N 49995.52115
TEM & TPS



[g²/Hz]



Chan.no: 8
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 43.76 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:01
remaining: 000:00:-1

-- Time total --
elapsed: 000:02:56
remaining: 000:00:-1

Date: 08-02-05
Time: 12:36:53

Z - Axis
Acceptance Unit
GLAT 1849

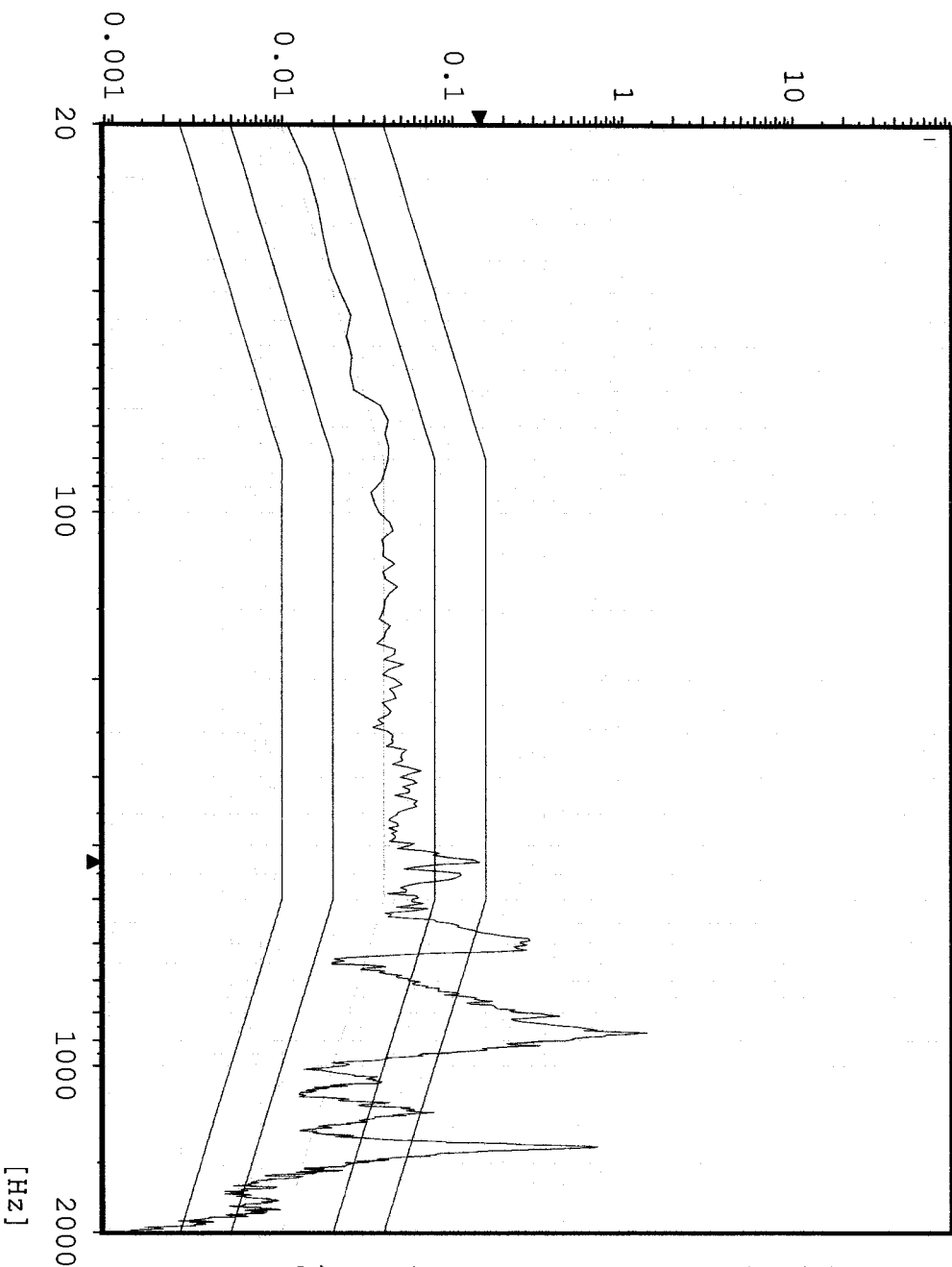
Cursor: 428 Hz 0.1453 g²/Hz

Random
Stanford Linear Accelerator
J/N 49995.52115
TEM & TPS

AZ2 TPS Corner



[g²/Hz]



Chan.no: 10
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 12.87 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:01
remaining: 000:00:-1

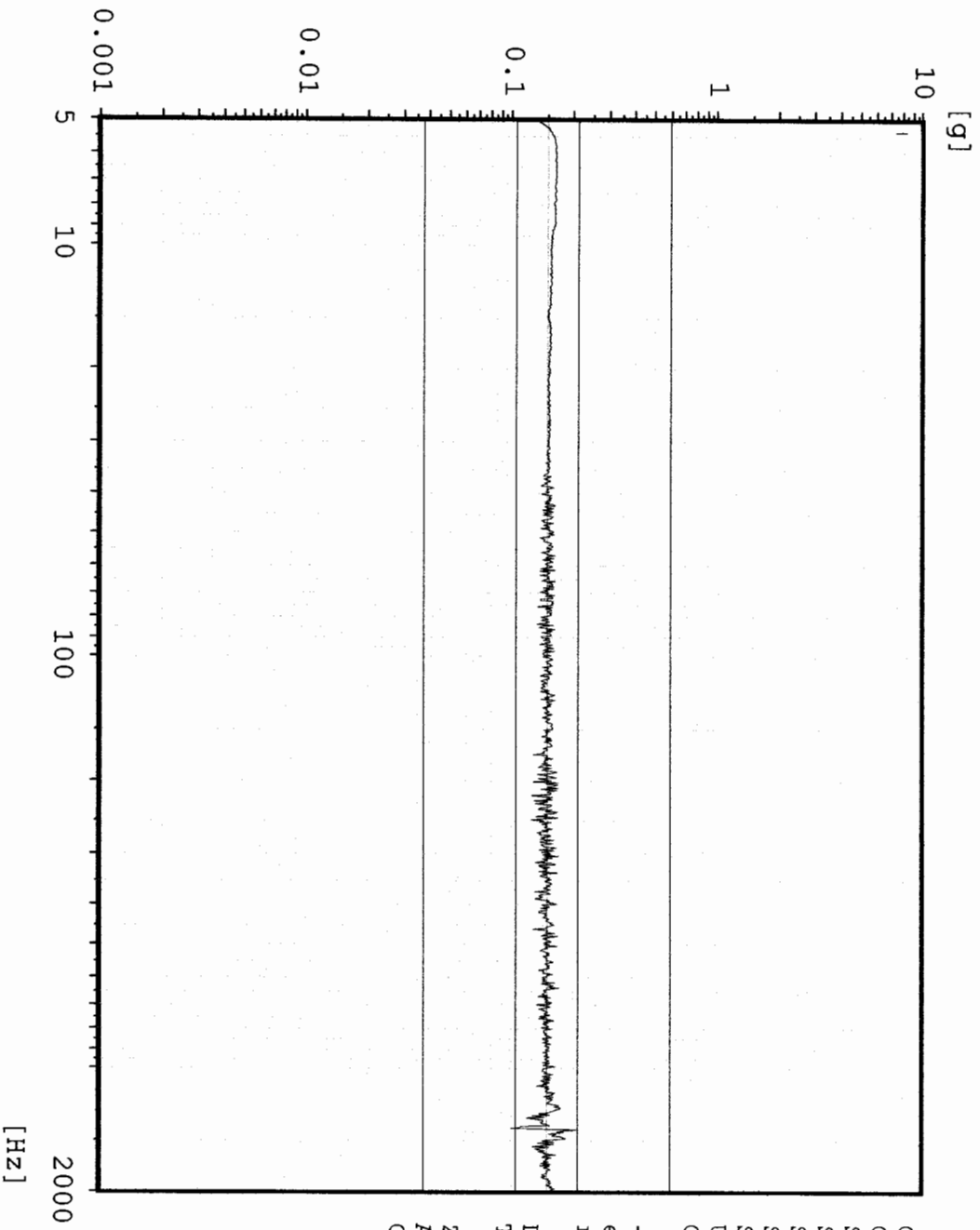
-- Time total --
elapsed: 000:02:56
remaining: 000:00:-1

Date: 08-02-05
Time: 12:36:53

Z - Axis
Acceptance Unit
GLAT 1849

Sine CZ1 Z-Axis Control

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



Chan.no: 1
Chan.type: CW Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 12:47:22

Z - axis Post Random
Acceptance Unit
GLAT 1849

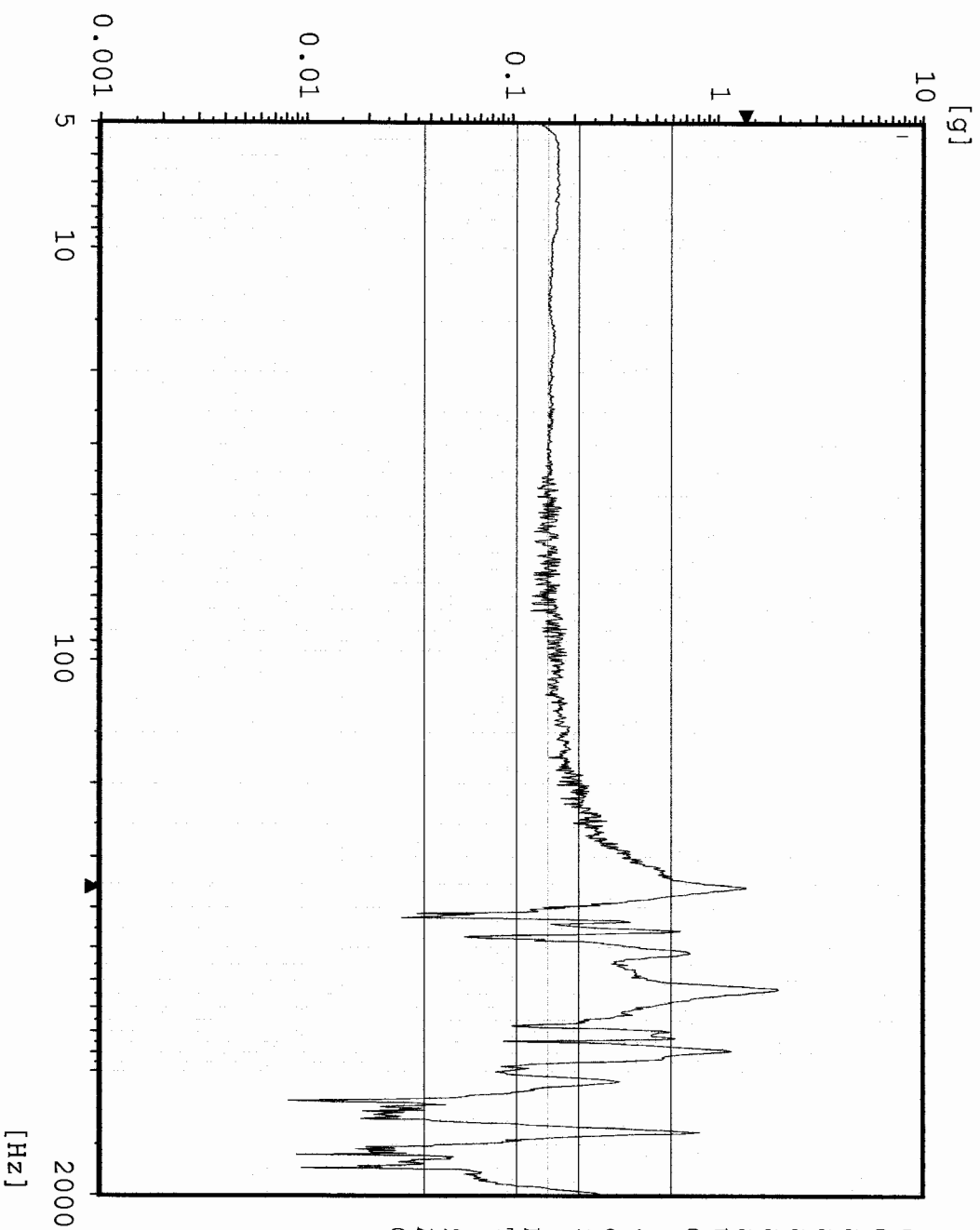
Sine

AZ4 TPS Boss 2

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 2 M Filtered

Sweep type: logarithmic

Sweeps done: 1

Sweeps req.: 1

Sweep direct.: up

Sweep rate: 2.00 Oct/min

Unit: g

Contr.strat.: Closed loop

-- Testing time --

elapsed: 000:04:18

remaining: 000:00:00

Date: 08-02-05

Time: 12:47:22

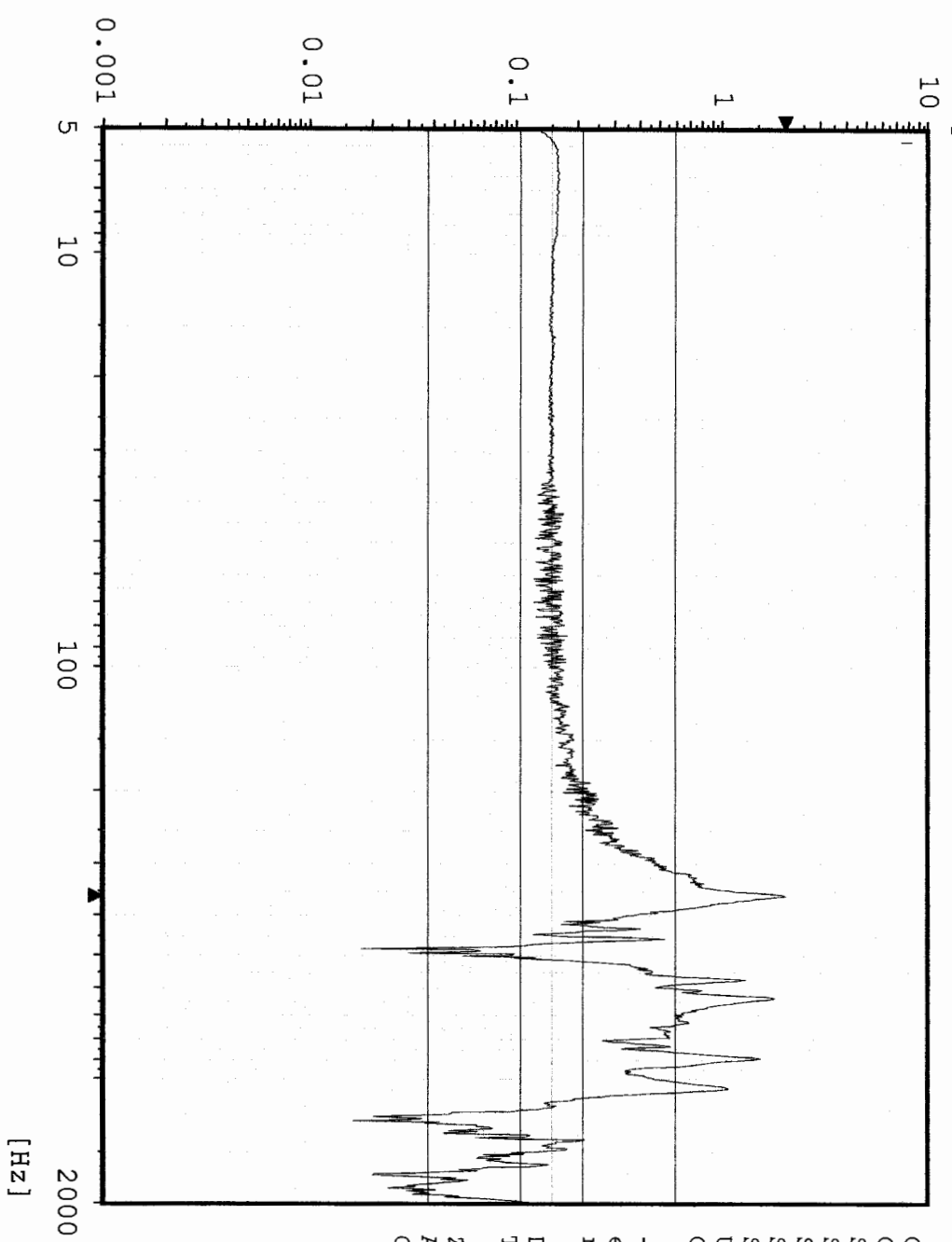
Z - axis Post Random

Acceptance Unit

GIAT 1849

Sine AZ3 TPS Boss 1

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



Chan.no: 3 M Filtered
 Chan.type: Logarithmic
 Sweep type: 1
 Sweeps done: 1
 Sweeps req.: 1
 Sweep direct.: up
 Sweep rate: 2.00 Oct/min
 Unit: g
 Contr.strat.: Closed loop

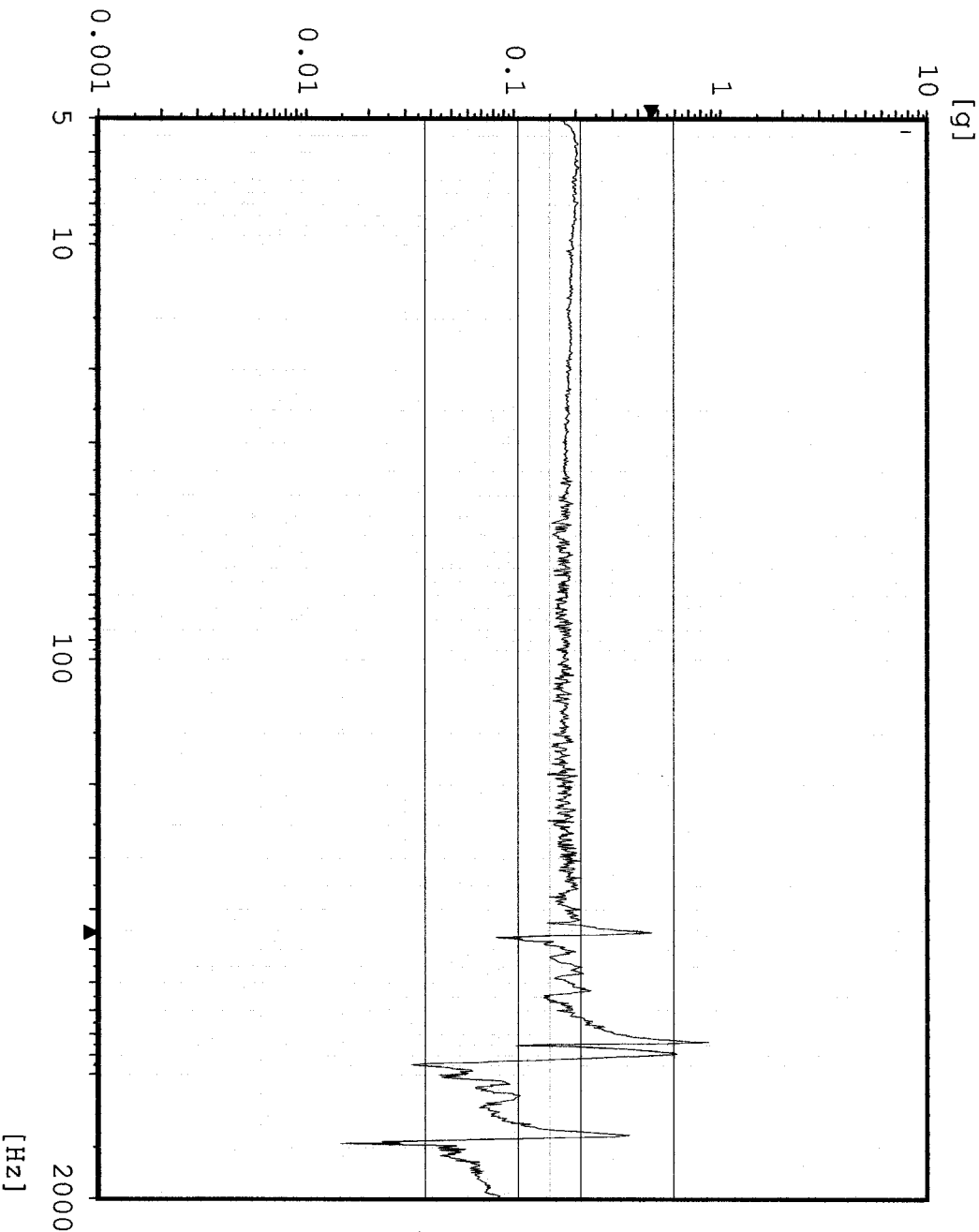
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 08-02-05
 Time: 12:47:22

Z - axis Post Random
 Acceptance Unit
 GIAT 1849

Sine AZ5 TEM Bottom Edge

Stanford Linear Accelerator
J/N 49995.52129
TEM / TPS



```

Chan.no: 5
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 12:47:22

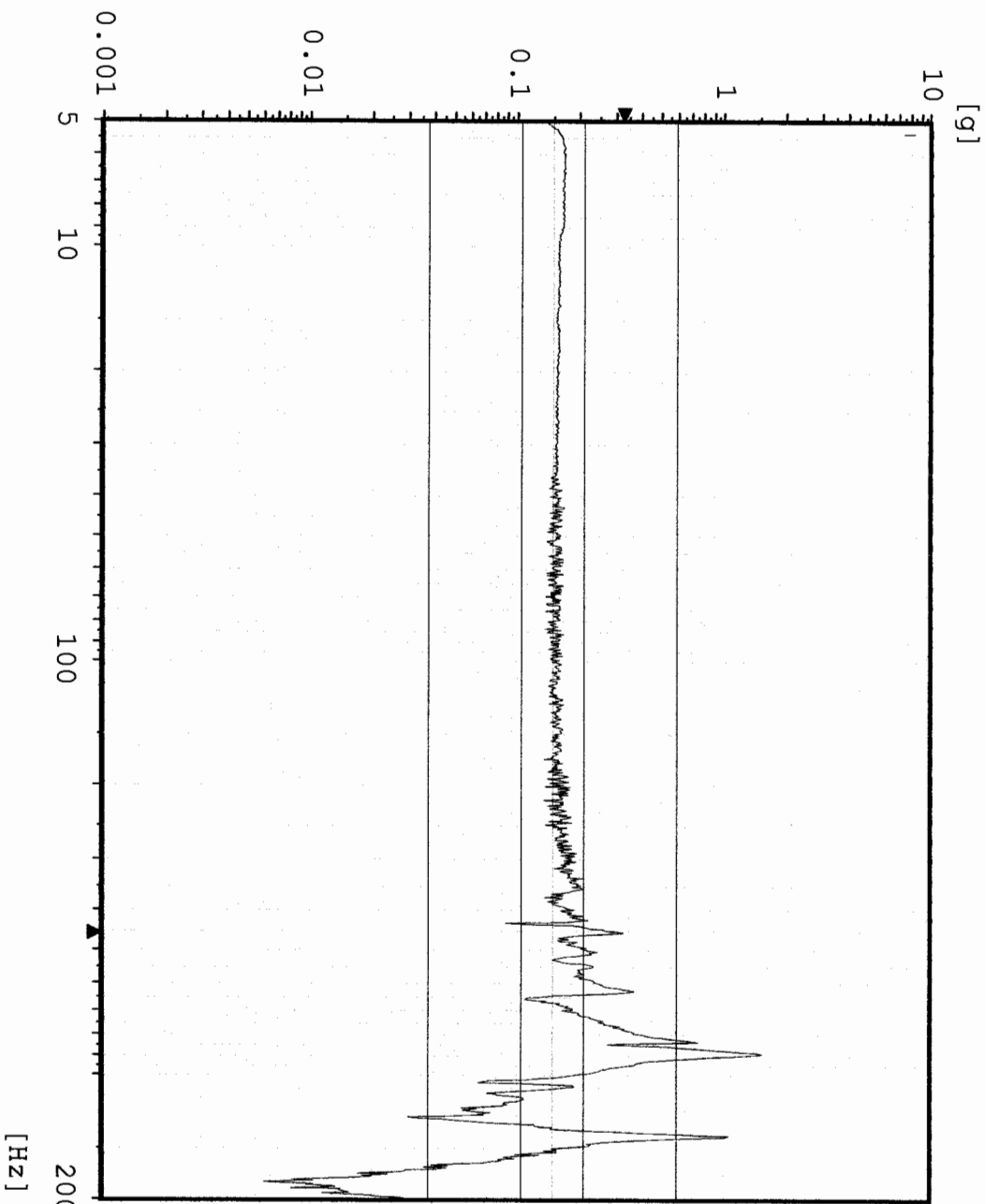
Z - axis Post Random
Acceptance Unit
GLAT 1849
  
```

Sine AZ1 TPS Edge Center

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



Chan.no: 6 M Filtered
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 08-02-05
Time: 12:47:22

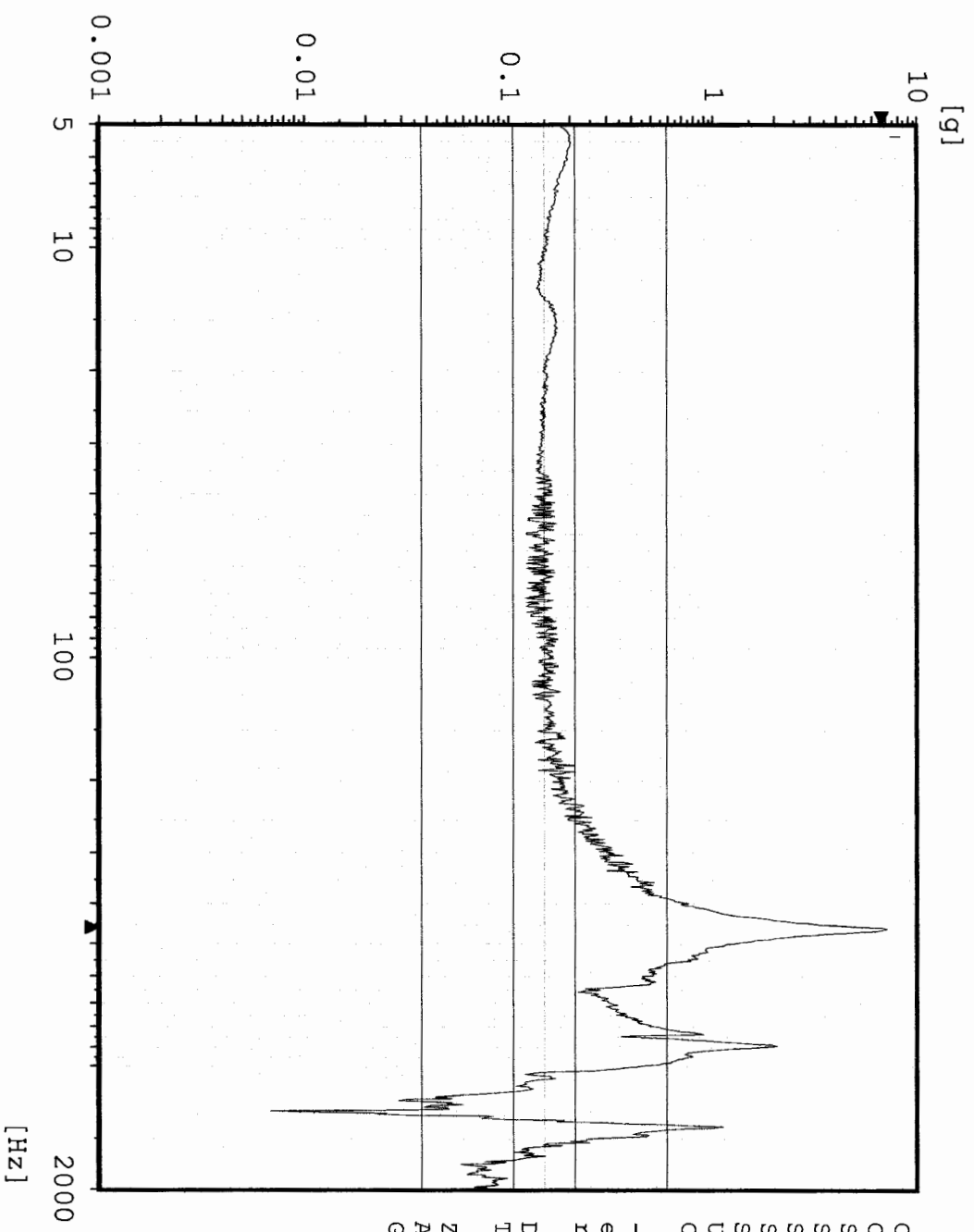
Z - axis Post Random
Acceptance Unit
GLAT 1849

Sine AZ6 TEM Bottom Center

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



[g]

[Hz]

Chan.no: 8 M Filtered

Sweep type: logarithmic

Sweeps done: 1

Sweeps req.: 1

Sweep direct.: up

Sweep rate: 2.00 Oct/min

Unit: g

Contr.strat.: Closed loop

-- Testing time --

elapsed: 000:04:18

remaining: 000:00:00

Date: 08-02-05

Time: 12:47:22

Z - axis Post Random

Acceptance Unit

GLAT 1849

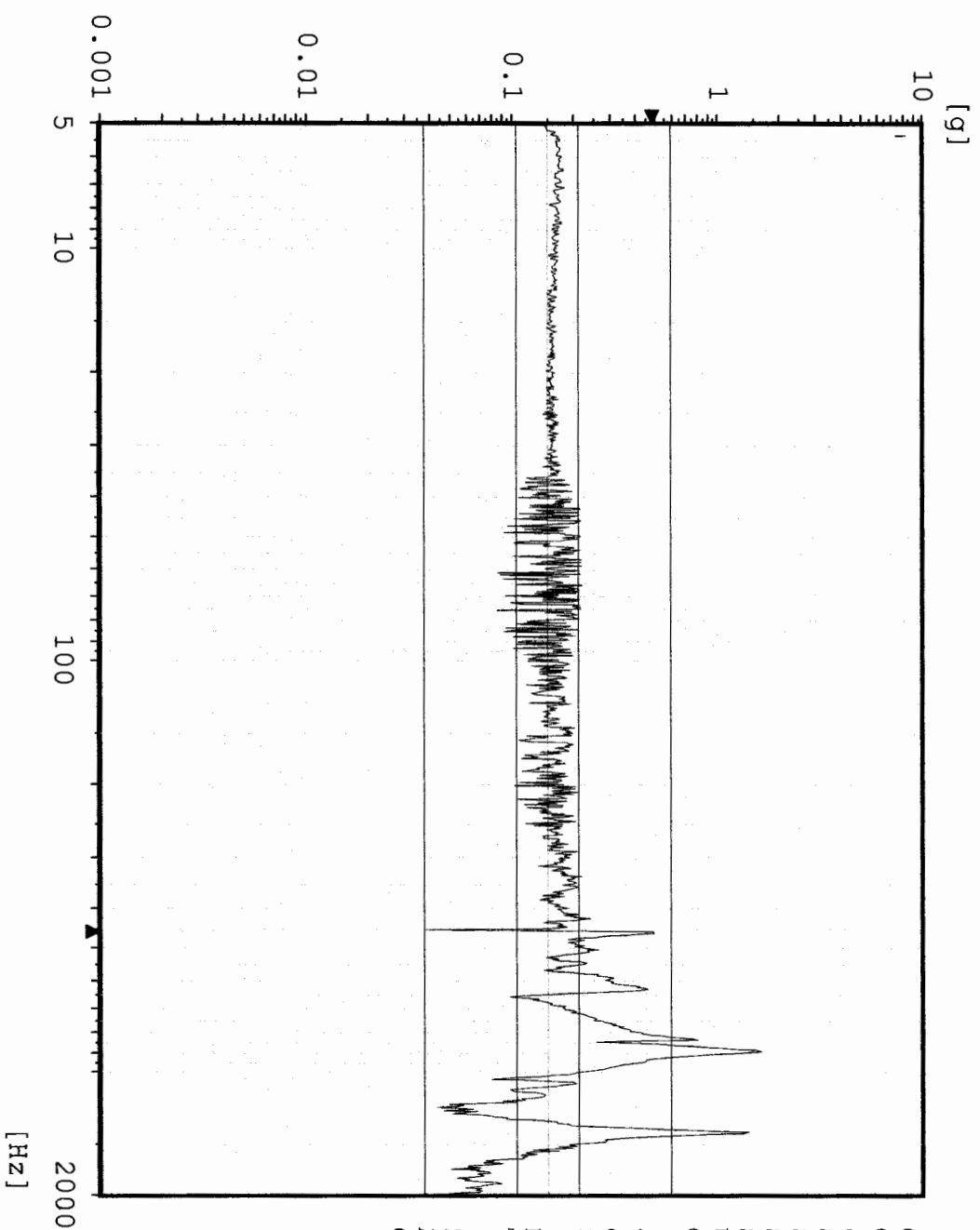
Sine

AZ2 TPS Corner

Stanford Linear Accelerator

J/N 49995.52129

TEM / TPS



[g]

[Hz]

```

Chan.no: 10 M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00
Date: 08-02-05
Time: 12:47:22

Z - axis Post Random
Acceptance Unit
GIAT 1849

```




EQUIPMENT LIST

JOB NUMBER 49995.52129

TEST DESCRIPTION Random & Sine Vibration

EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NUMBER	ASSET NUMBER	RANGE	ACCURACY	CALIBRATION DATE	CALIBRATION PERIOD	
Vibration System	Unholtz-Dickie	T1000	4-6242	17,500 Force Lbs: 2Hz - 3KHz	± 10%	08-02-05	T.O.T	
Accelerometer	Endevco Corp.	2271A	4-42129	1,000 g's Max: 2Hz - 5.5KHz	± 5%	11-01-04	1 Yr.	
		2226C	4-42130	1,000 g's Max: 3Hz - 6KHz	± 5%	06-23-05	1 Yr.	
		2226C	4-64096	1,000 g's Max: 3Hz - 6KHz	± 5%	04-14-05	1 Yr.	
		2222C	4-42138	1,000 g's Max: 5Hz - 8KHz	± 5%	06-23-05	1 Yr.	
		2226C	4-64082	1,000 g's Max: 3Hz - 6KHz	± 5%	04-14-05	1 Yr.	
		2220D	4-6442	1,000 g's Max: 2Hz - 10KHz	± 5%	08-26-04	1 Yr.	
		2222C	4-42143	1,000 g's Max: 5Hz - 8KHz	± 5%	11-01-04	1 Yr.	
Charge Amp.	Unholtz-Dickie	D22-8	4-64032	Freq. Response: 5Hz - 5KHz	± 2%	03-04-05	6 Mo.	
		D22-8	4-6539	Freq. Response: 5Hz - 5KHz	± 2%	03-04-05	6 Mo.	
		D22-8	4-6540	Freq. Response: 5Hz - 5KHz	± 2%	03-04-05	6 Mo.	
		D22-8	4-6461	Freq. Response: 5Hz - 5KHz	± 2%	03-04-05	6 Mo.	
		D22-8	4-6559	Freq. Response: 5Hz - 5KHz	± 2%	03-04-05	6 Mo.	
	Unholtz-Dickie	D22-8	4-6548	Freq. Response: 5Hz - 5KHz	± 2%	03-04-05	6 Mo.	
	Unholtz-Dickie	D22-8	4-6457	Freq. Response: 5Hz - 5KHz	± 2%	03-04-05	6 Mo.	
Digital Vibration	M + P	VXI	4-62092	Freq. Range: 23KHz	± 1%	03-14-05	2 Yr.	
Control System	International / Agilent	E8408A		Sample Rate: 51.2Ks/sec.				
				Dynamic Range: 90dB				
				Voltage: 10v Pk				
				Resolution: 20 Bit / 3200 lines				
				Channels: 16; COLA,1v Pk				