

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	2271AMD0	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	2271AMD0	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	2271AMD0	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  
1847



## 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 5
	12:30	1849	Z	Pre	0.15			
	12:40	1849	Z	Random	6.8			
	12:50	1849	Z	Post	0.15			

## Appendix C – Procedure Variation



**GLAST LAT Project GASU/PDU Vibration Testing**  
**Installation Steps and Procedure Variations**

Date	Axis	Test Setup	Installation Step Description	RE/QA Approval
7/24/05	N/A	<i>[Handwritten signature]</i>	Incoming Visual inspection (e.g. ensure taped gaps are still sealed)	
	Z	<i>[Handwritten signature]</i>	Torque vibration fixture bolts to shaker to 25 ft-lbf (300 in-lbf)	
	Z	<i>[Handwritten signature]</i>	Torque GASU/PDU to vibration fixture to <del>167</del> in-lbf <sup>11</sup>	
	Z	<i>[Handwritten signature]</i>	Confirm accelerometer installation	
	X	<i>[Handwritten signature]</i>	Torque vibration fixture bolts to shaker to 25 ft-lbf	
	X	<i>[Handwritten signature]</i>	Torque GASU/PDU to vibration fixture to <del>167</del> in-lbf <sup>11</sup>	
	X	<i>[Handwritten signature]</i>	Confirm accelerometer installation	
	Y	<i>[Handwritten signature]</i>	Torque vibration fixture bolts to shaker to 25 ft-lbf	
	Y	<i>[Handwritten signature]</i>	Torque GASU/PDU to vibration fixture to <del>167</del> in-lbf <sup>11</sup>	
	Y	<i>[Handwritten signature]</i>	Confirm accelerometer installation	
Date	Axis	Test Setup	Test Variation Description	RE/QA Approval

## 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

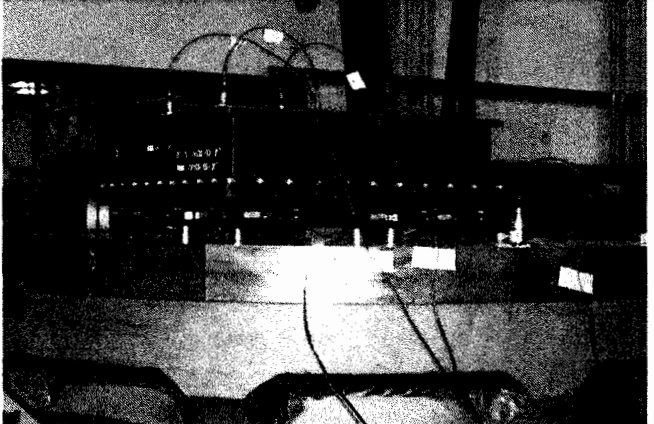
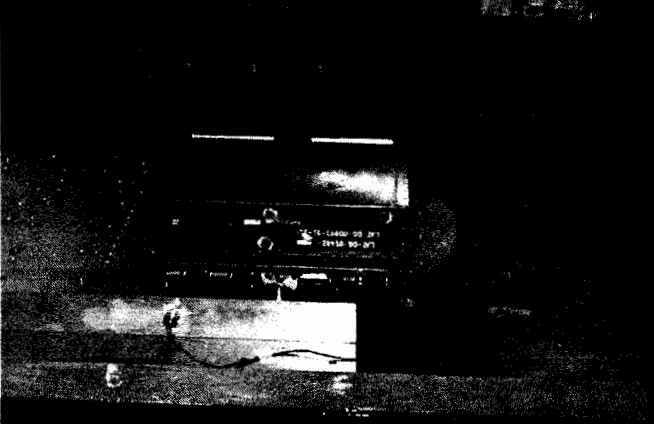
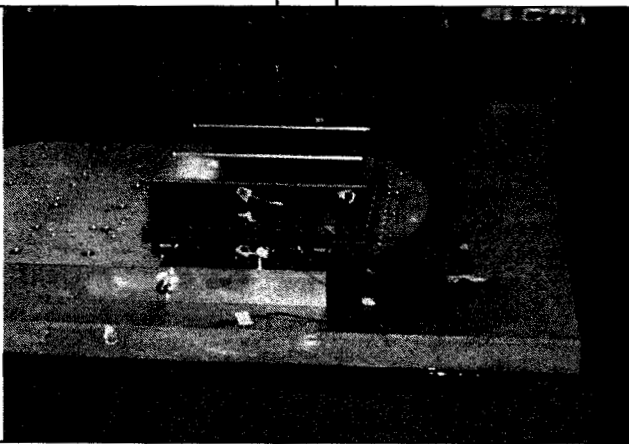
DATE STARTED 07-28-05	CUSTOMER Stanford Linear Accelerator	TECHNICIAN (SIGNATURE) <i>D. Wilshire</i> WSC T-21			
DATE COMPLETED 07-29-05	SPECIMEN DESCRIPTION TEM / TPS, PDU	ENGINEER (SIGNATURE) <i>M. Heddlesky</i>			
TEMPERATURE 73°F	TYPE OF TEST VISUAL EXAMINATION - Initial	ENGINEER <i>M. Heddlesky</i>			
HUMIDITY 41% R.H.	MANUFACTURER Stanford Linear Accelerator	JOB NUMBER 49995.52115			
SPECIMEN NUMBER 1 - 3	TEST SPECIFICATION SOP 6-08, REV. L				
SPECIMEN NUMBER	SERIAL NUMBER	PART OR MODEL NUMBER	LOT NUMBER	DATE CODE	REMARKS
1	GLAT 1848	-	-	-	TEM / TPS
2	GLAT 1847	-	-	-	TEM / TPS
3	GLAT1898	-	-	-	PDU
					Note: No discrepancies noted.



## TEST DATA

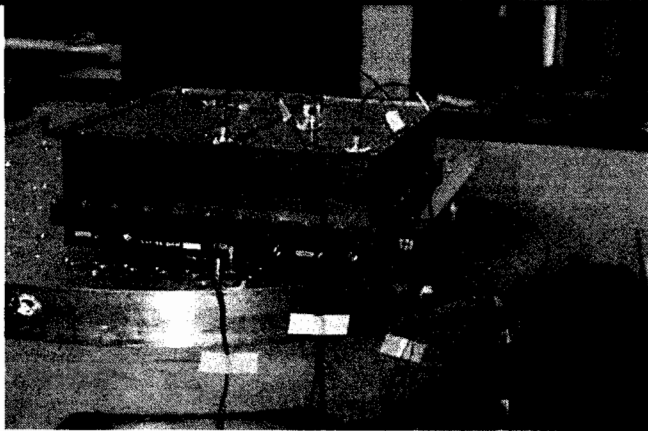
DATE STARTED 08-02-05		CUSTOMER Stanford Linear Accelerator			TECHNICIAN (SIGNATURE) <span style="border: 1px solid black; padding: 2px;">WSC I-21</span>
DATE COMPLETED 08-02-05		SPECIMEN DESCRIPTION TEM / TPS			ENGINEER (SIGNATURE) <span style="border: 1px solid black; padding: 2px;">WSC Q-02</span>
TEMPERATURE 74°F		TYPE OF TEST VISUAL EXAMINATION - Initial			ENGINEER S. MeChasny
HUMIDITY 38% R.H.		MANUFACTURER Stanford Linear Accelerator			JOB NUMBER 49995.52129
SPECIMEN NUMBER 1		TEST SPECIFICATION <b>SOP 6-08, REV. L</b>			
SPECIMEN NUMBER	SERIAL NUMBER	PART OR MODEL NUMBER	LOT NUMBER	DATE CODE	REMARKS
1	GLAT 1849	-	-	-	Note: No discrepancies noted.

## TEST DATA

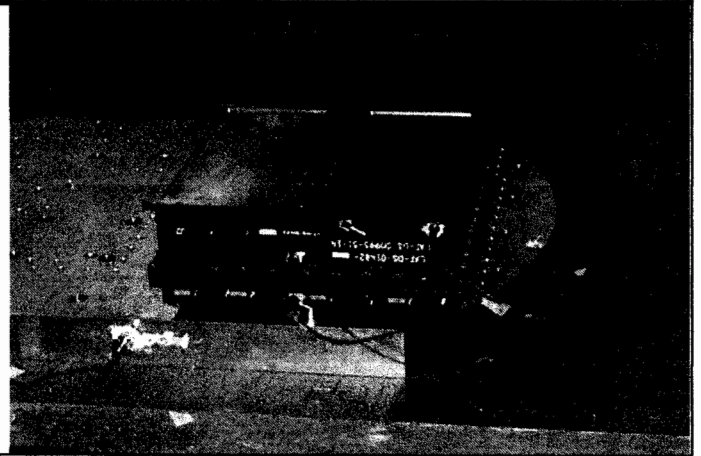
DATE STARTED 07-28-05	CUSTOMER Stanford Linear Accelerator	TECHNICIAN (SIGNATURE) <i>D. Wiltschko</i> T-21
DATE COMPLETED 07-29-05	SPECIMEN DESCRIPTION TEM & TPS { See Initial Visual }	ENGINEER (SIGNATURE) <i>M. Heddleston</i>
TEMPERATURE 73°F	TYPE OF TEST <b>SET-UP</b> - Detail	ENGINEER <i>M. Heddleston</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

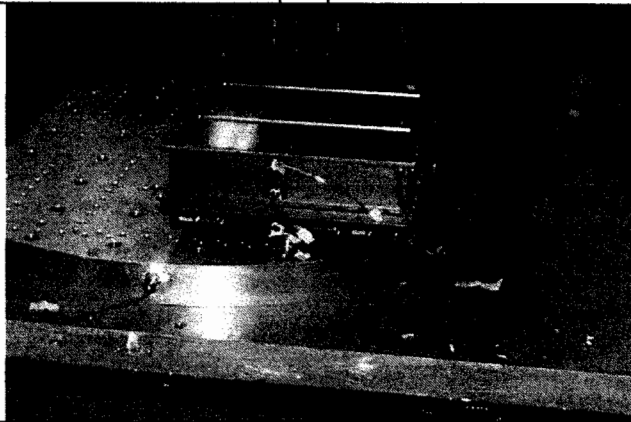
DATE STARTED 08-02-05	CUSTOMER Stanford Linear Accelerator	TECHNICIAN (SIGNATURE) <i>Swiltshire</i> [Stamp: WSC I-21]
DATE COMPLETED 08-02-05	SPECIMEN DESCRIPTION TEM & TPS { See Initial Visual }	ENGINEER (SIGNATURE) <i>Smach</i>
TEMPERATURE 74°F	TYPE OF TEST <b>SET-UP</b> - Detail	ENGINEER <i>Smach</i> [Stamp: WSC Q-02]
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> WSC 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 <b>VIBRATION - Sine and Random – Non-Op.</b>	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	Sine - Search <sup>5</sup> 20-2000Hz @ 0.15g 2 octaves / minute 1 sweep up / axis  Random - Accept. 20Hz @ 0.01 G <sup>2</sup> /Hz 80 - 500Hz @ 0.04 G <sup>2</sup> /Hz 2000Hz @ 0.01 G <sup>2</sup> /Hz 6.79 Grms overall 1 minute / axis	Sine Search
1			1359	+0:01:02		Random Accept.
1			1409	+0:04:18		Sine Search
2			1435	+0:04:18		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

<b>DATE STARTED</b> 07-28-05		<b>CUSTOMER</b> Stanford Linear Accelerator				<b>TECHNICIAN (SIGNATURE)</b> <i>Wiltshire</i> [WSG T-21]	
<b>DATE COMPLETED</b> 07-29-05		<b>SPECIMEN DESCRIPTION</b> TEM / TPS { See Initial Visual }				<b>ENGINEER (SIGNATURE)</b> <i>M. Heddleston</i>	
<b>TEMPERATURE</b> 73°F		<b>TYPE OF TEST</b> <b>VIBRATION - Sine and Random – Non-Op.</b>				<b>ENGINEER</b> <i>M. Heddleston</i>	
<b>HUMIDITY</b> 41% R.H.		<b>MANUFACTURER</b> Stanford Linear Accelerator				<b>JOB NUMBER</b> 49995.52115	
<b>SPECIMEN NUMBER</b> 1 - 3		<b>TEST SPECIFICATION</b> 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	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 <sup>2</sup> /Hz 80 - 500Hz @ 0.04 G <sup>2</sup> /Hz 2000Hz @ 0.01 G <sup>2</sup> /Hz 6.79 Grms overall 1 minute / axis	Sine Search	
						Note: Specimens were returned to customer for a post test evaluation	

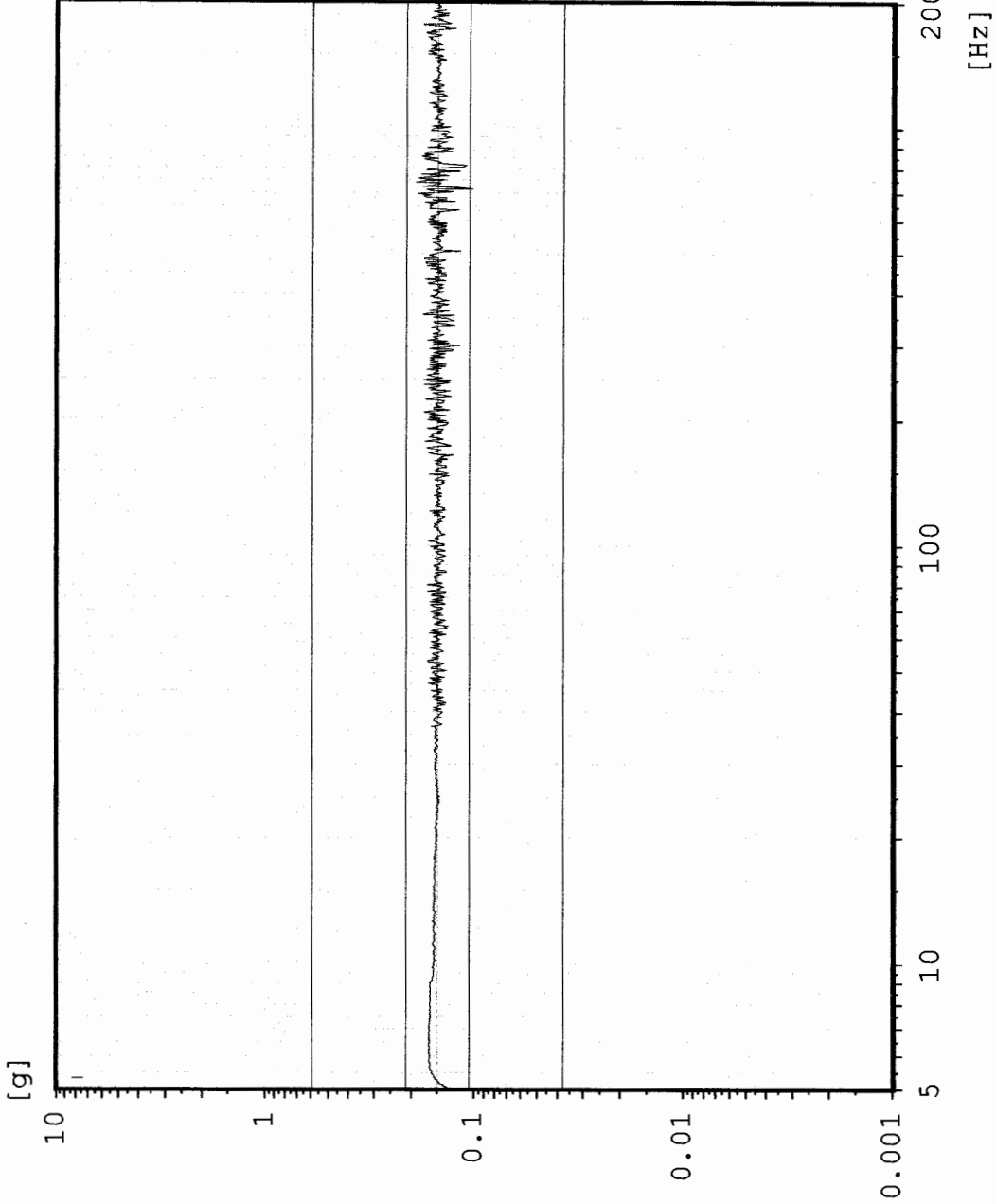


## TEST DATA

<b>DATE STARTED</b> 08-02-05		<b>CUSTOMER</b> Stanford Linear Accelerator			<b>TECHNICIAN (SIGNATURE)</b> <i>D. Wittahie</i> [WSC T-21]	
<b>DATE COMPLETED</b> 08-02-05		<b>SPECIMEN DESCRIPTION</b> TEM / TPS { See Initial Visual }			<b>ENGINEER (SIGNATURE)</b> <i>S. Meachester</i> [WSC 0-02]	
<b>TEMPERATURE</b> 74°F		<b>TYPE OF TEST</b> <b>VIBRATION - Sine and Random - Non-Op.</b>			<b>ENGINEER</b> <i>S. Meachester</i>	
<b>HUMIDITY</b> 38% R.H.		<b>MANUFACTURER</b> Stanford Linear Accelerator			<b>JOB NUMBER</b> 49995.52129	
<b>SPECIMEN NUMBER</b> 1		<b>TEST SPECIFICATION</b> 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 <sup>2</sup> /Hz 80 - 500Hz @ 0.04 G <sup>2</sup> /Hz 2000Hz @ 0.01 G <sup>2</sup> /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.

# CX1 X-Axis Control

Sine  
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

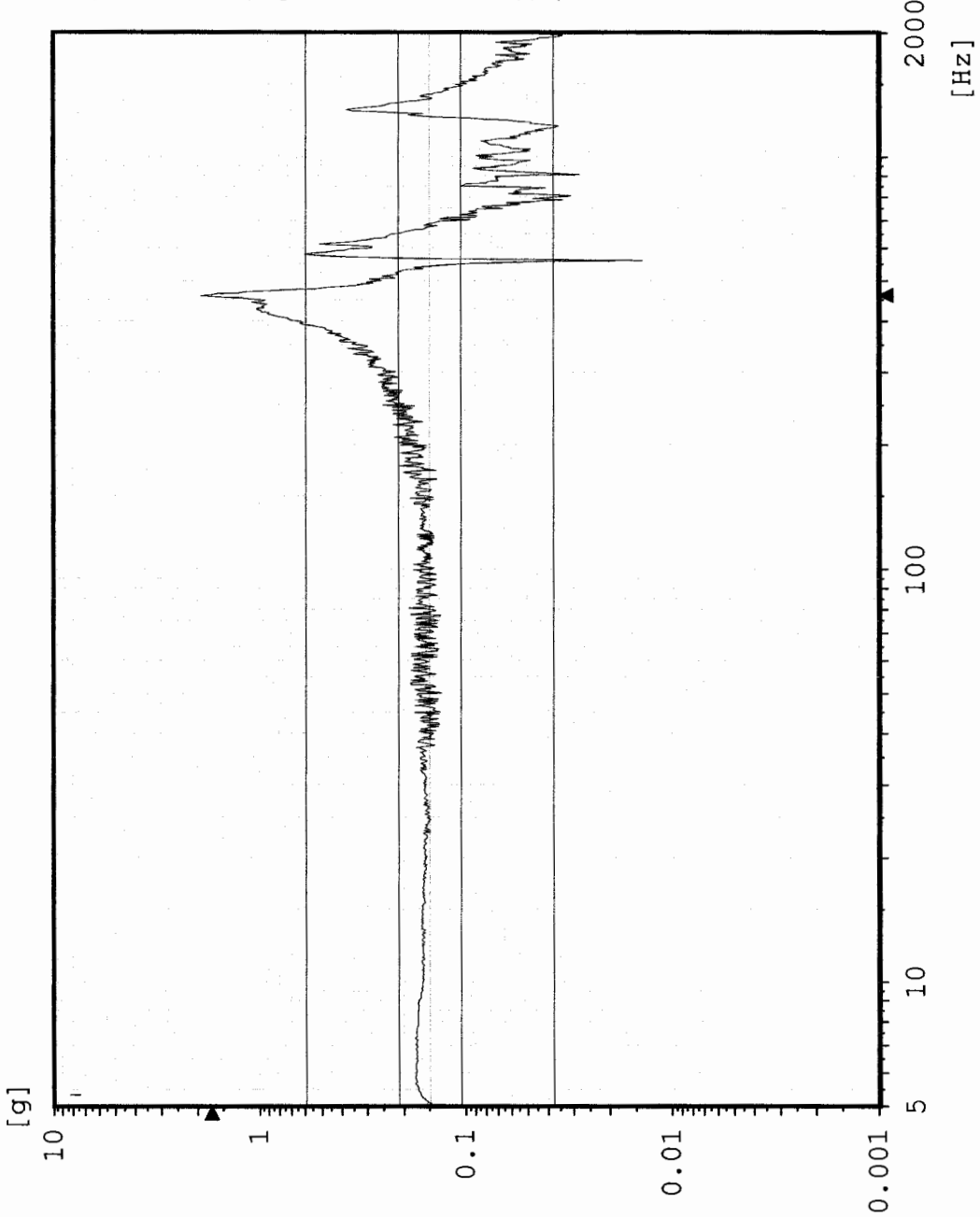
-- Testing time --  
elapsed: 000:04:18  
remaining: 000:00:00

Date: 07-28-05  
Time: 17:37:32

X - axis Pre Random  
Acceptance Unit  
GIAT 1848

# AX3 TPS top center

Sine  
Stanford Linear Accelerator  
J/N 49995.52115  
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

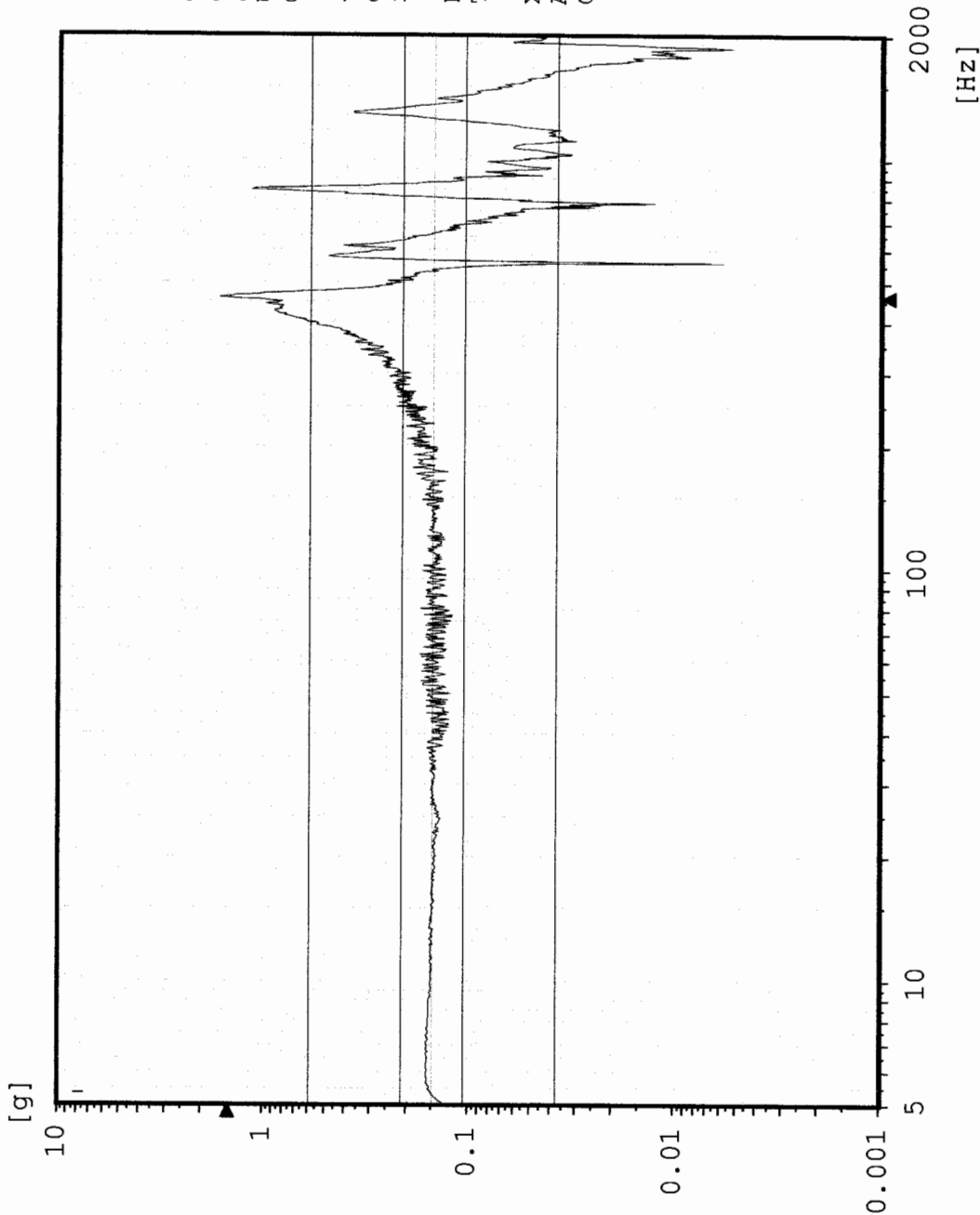
-- Testing time --  
 elapsed: 000:04:18  
 remaining: 000:00:00

Date: 07-28-05  
 Time: 17:37:32

X - axis Pre Random  
 Acceptance Unit  
 GLAT 1848

# AX4 TPS top edge

Sine  
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

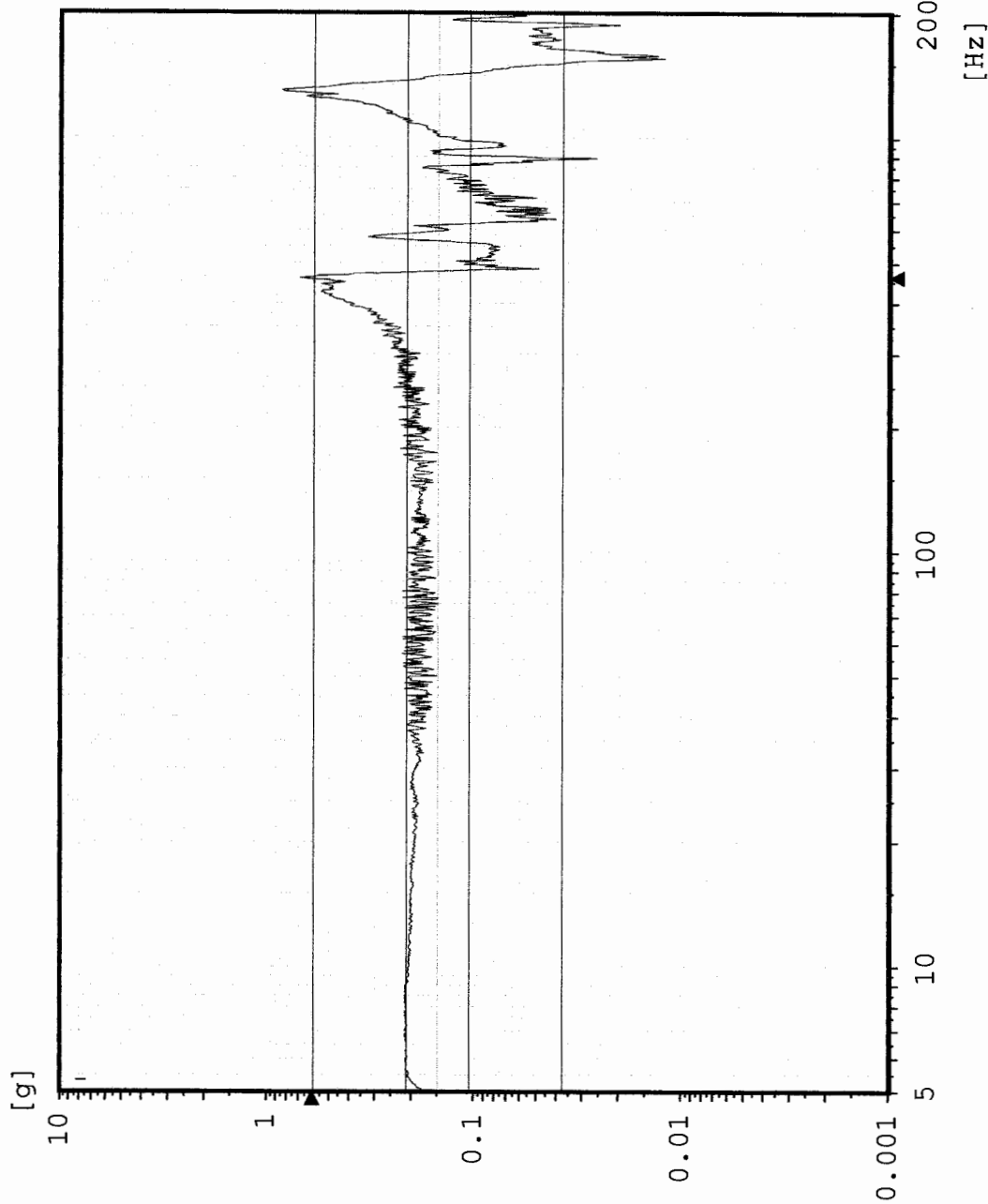
-- Testing time --  
elapsed: 000:04:18  
remaining: 000:00:00

Date: 07-28-05  
Time: 17:37:32

X - axis Pre Random  
Acceptance Unit  
GLAT 1848

# AX1 TEM center edge

Sine  
Stanford Linear Accelerator  
J/N 49995.52115  
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

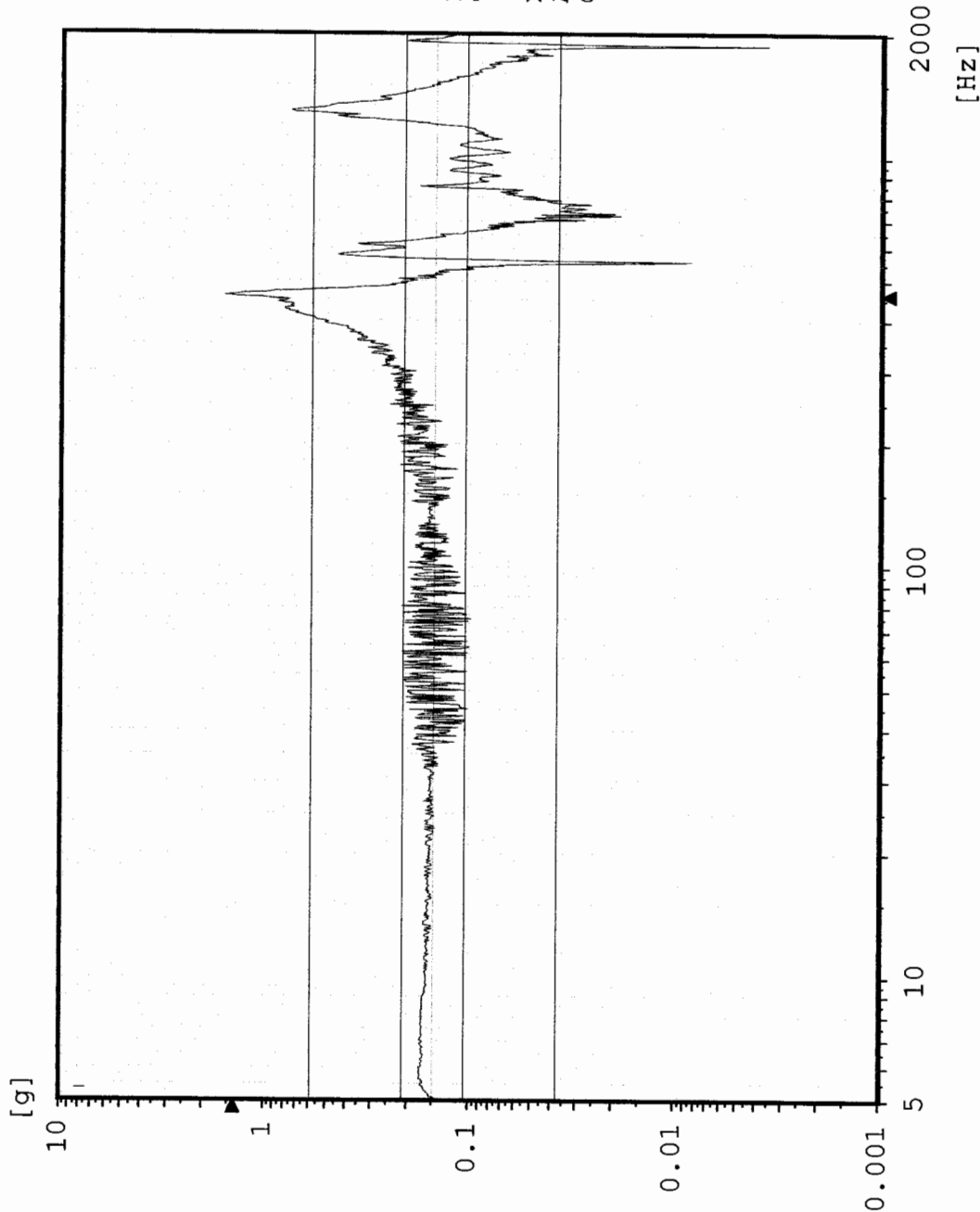
-- Testing time --  
 elapsed: 000:04:18  
 remaining: 000:00:00

Date: 07-28-05  
 Time: 17:37:32

X - axis Pre Random  
 Acceptance Unit  
 GLAT 1848

# Sine AX2 TPS CG

Stanford Linear Accelerator  
J/N 49995.52115  
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: 07-28-05  
 Time: 17:37:32

X - axis Pre Random  
 Acceptance Unit  
 GLAT 1848



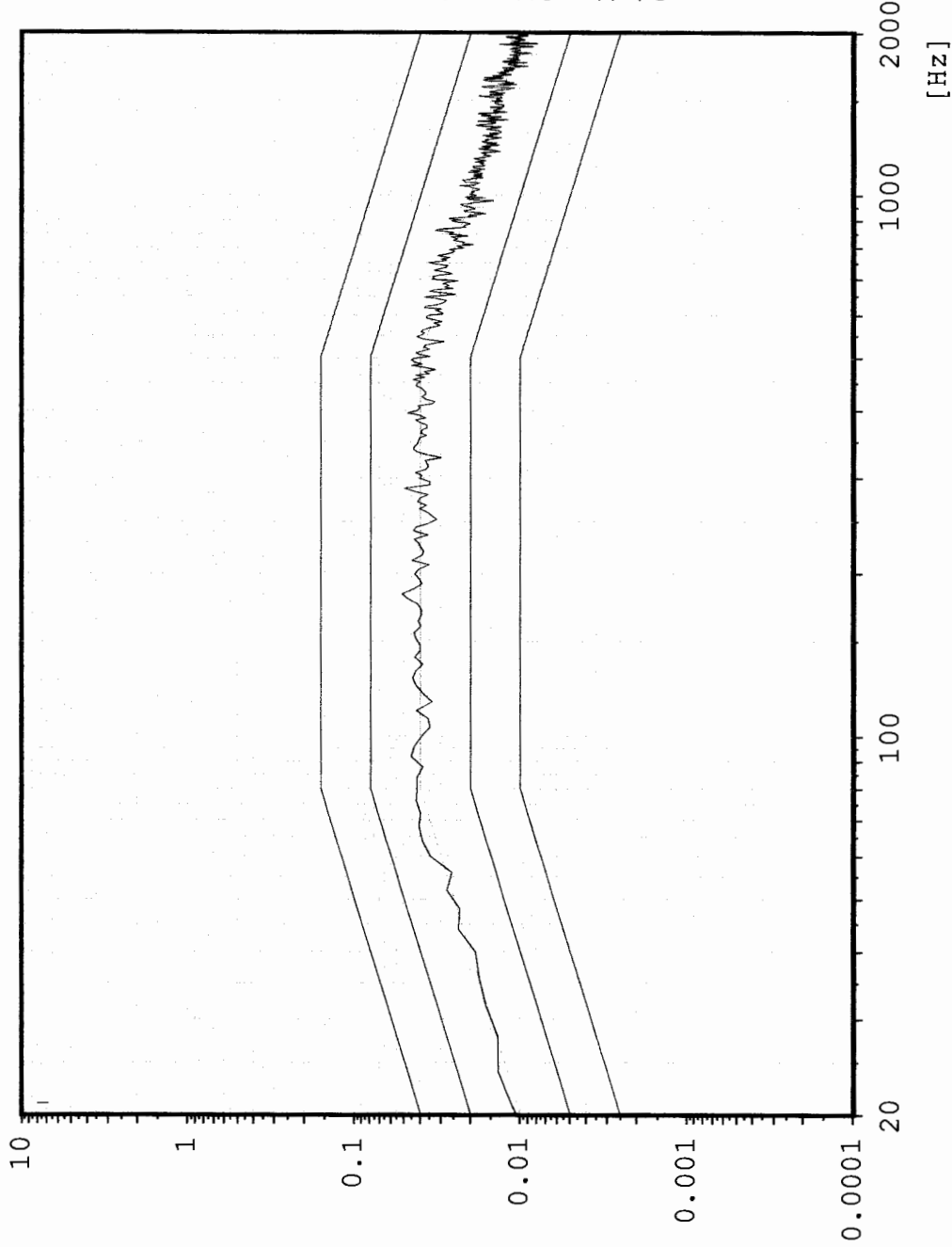
Random

Stanford Linear Accelerator

J/N 49995.52115

TEM & TPS

[g<sup>2</sup>/Hz]



# CX1 X-Axis Control



Chan.no: 1  
Chan.type: C  
DOF: 126  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/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: 000:02:56  
remaining: 000:00:00

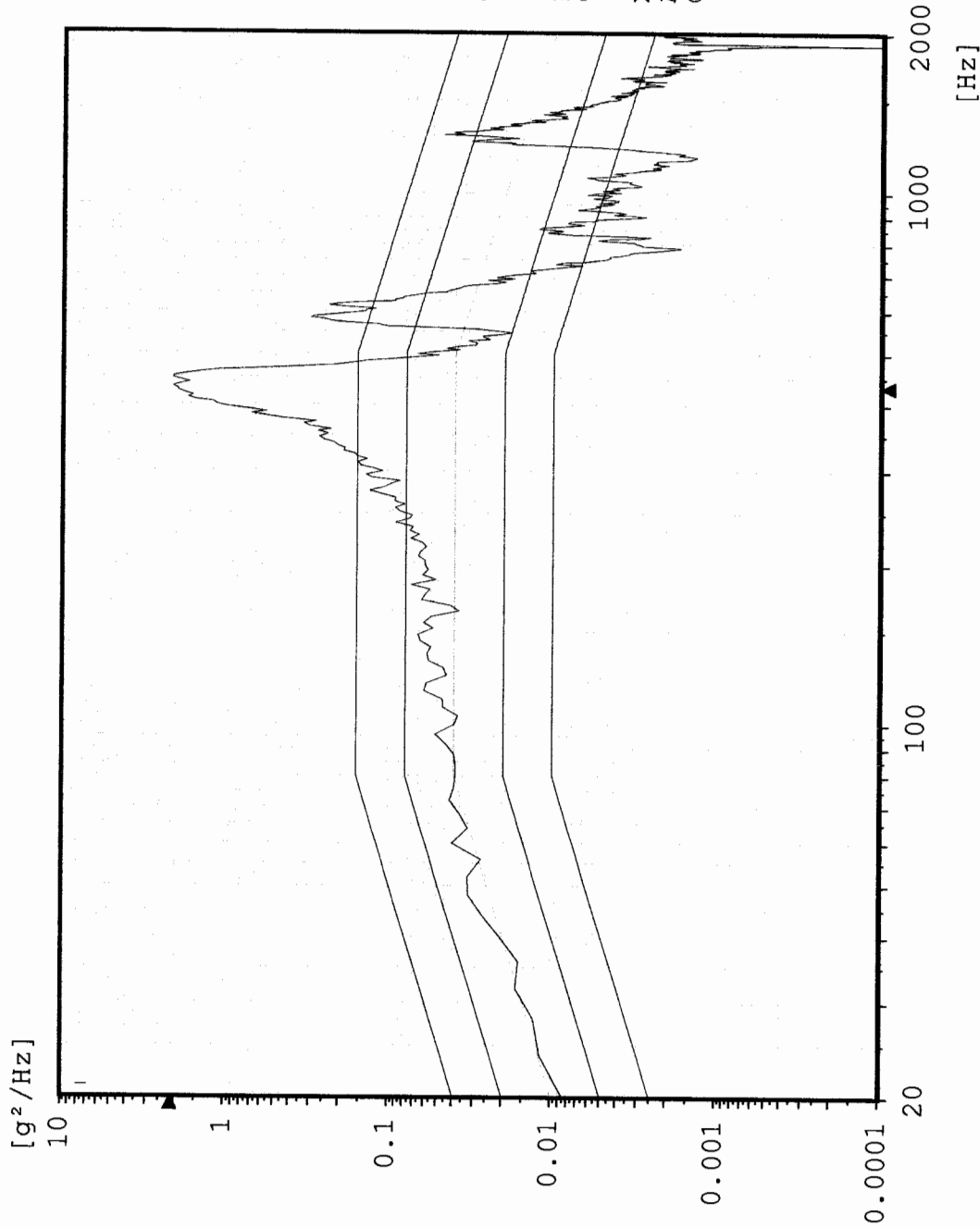
Date: 07-28-05  
Time: 17:43:41

X - Axis  
Acceptance Unit  
GLAT 1848

Cursor: 432 Hz 2.115 g<sup>2</sup>/Hz

# Random AX4 TPS Top Center

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



Chan.no: 2  
Chan.type: M  
DOF: 100  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 14.1 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: 000:02:56  
remaining: 000:00:00

Date: 07-28-05  
Time: 17:43:41

X - Axis  
Acceptance Unit  
GLAT 1848

Max: 432 Hz 1.625 g<sup>2</sup>/Hz

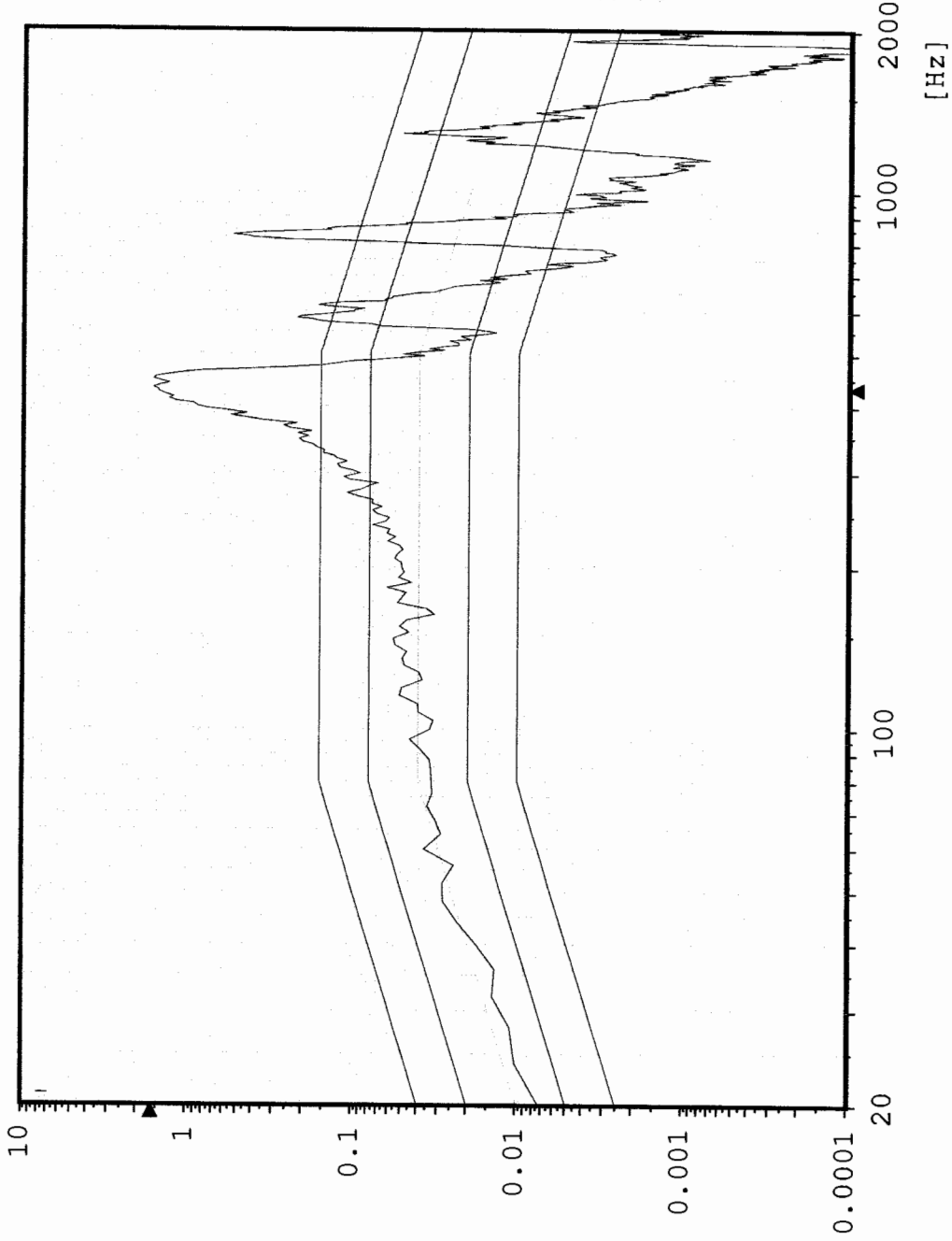
Random

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS

### AX3 TPS Top Edge



[g<sup>2</sup>/Hz]



Chan.no: 3  
Chan.type: M  
DOF: 100  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 13 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: 000:02:56  
remaining: 000:00:00

Date: 07-28-05  
Time: 17:43:41

X - Axis  
Acceptance Unit  
GLAT 1848

Max: 432 Hz 0.5036 g<sup>2</sup>/Hz

### Random CH# 5 TEM center edge

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



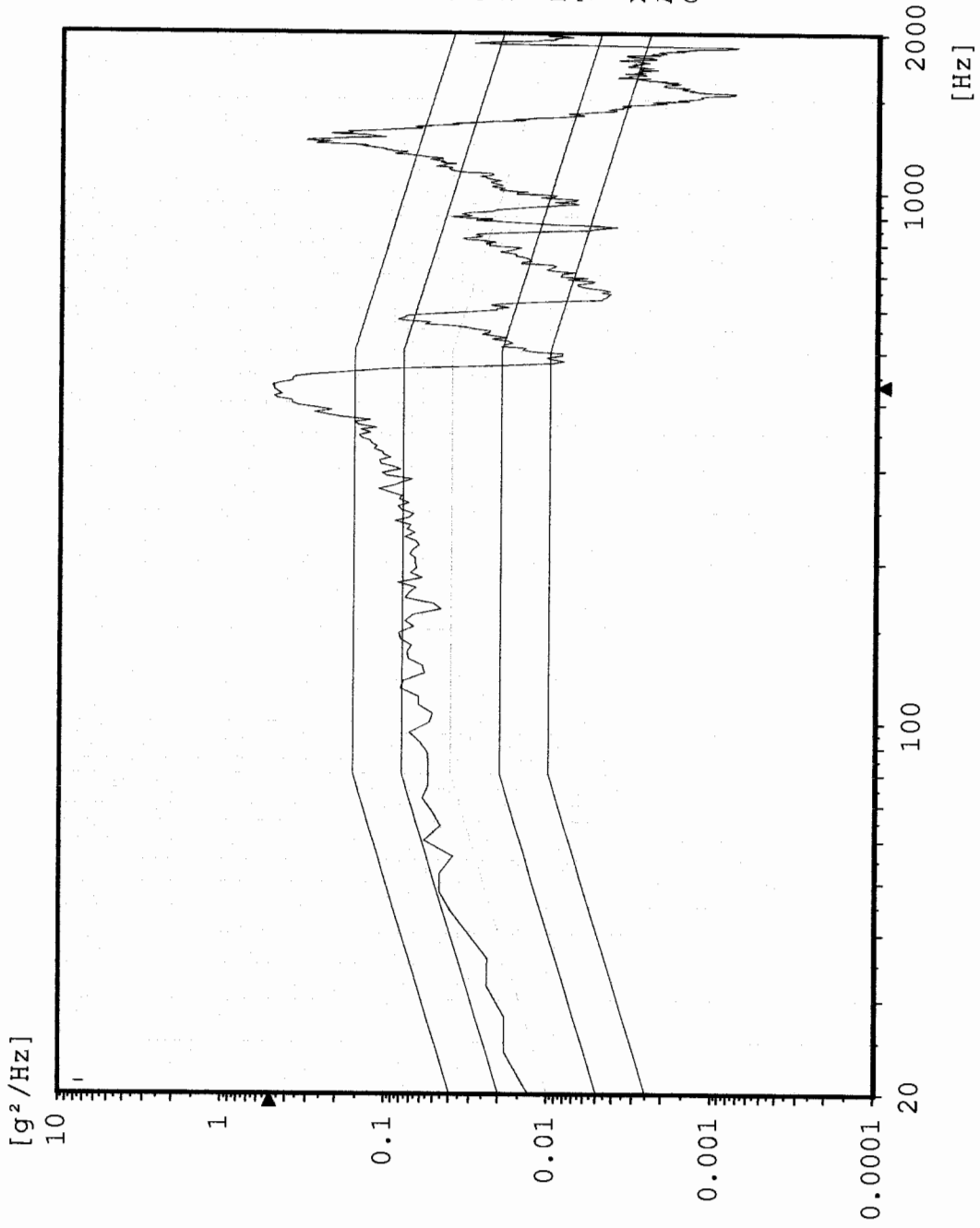
Chan.no: 5  
Chan.type: M  
DOF: 100  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 10.15 g  
RMS (req.): 6.787 g  
Contr.strat.: Closed loop

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

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

Date: 07-28-05  
Time: 17:43:41

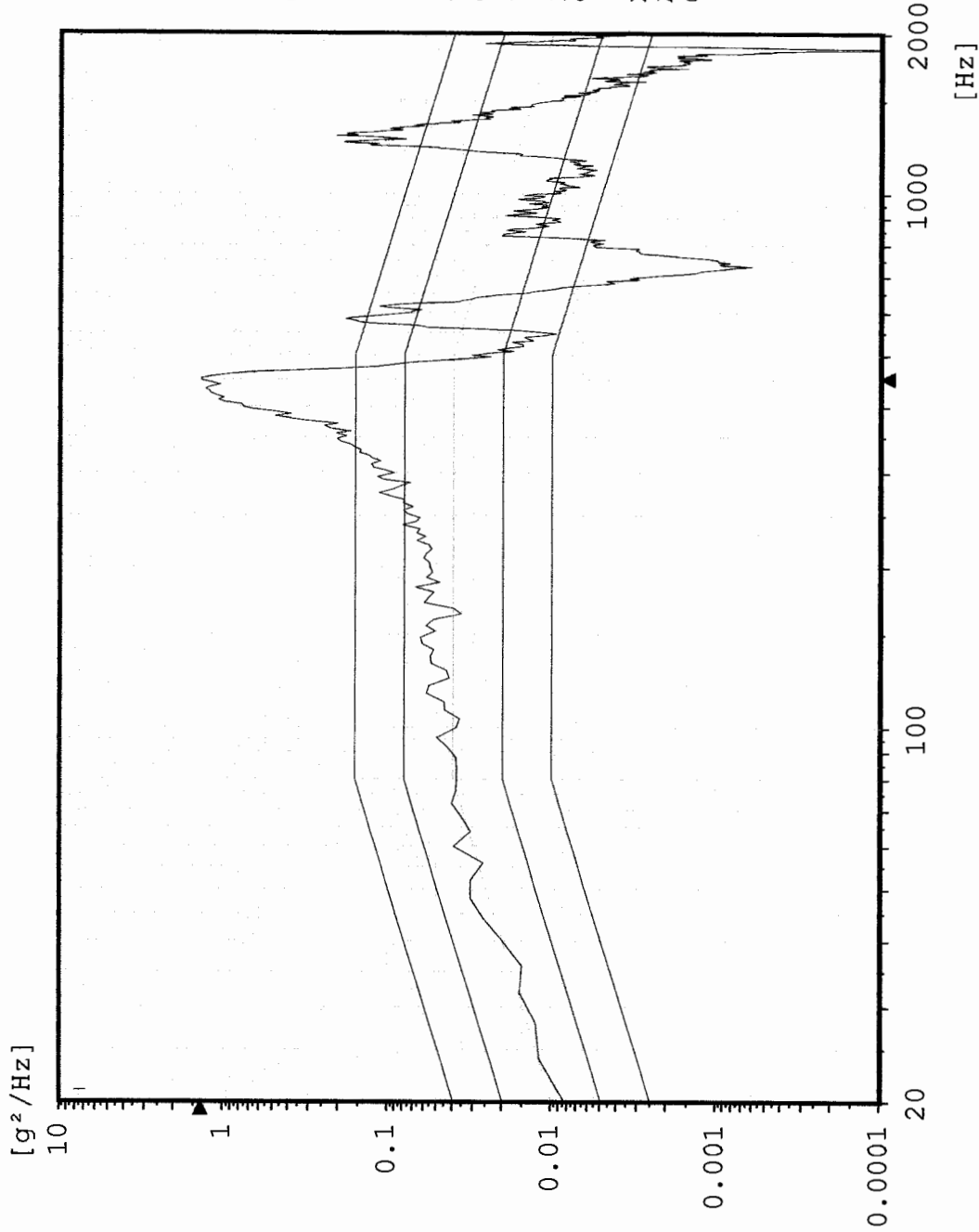
X - Axis  
Acceptance Unit  
GLAT 1848



Max: 452 Hz 1.38 g<sup>2</sup>/Hz

### Random AX2 TPS Bottom center

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



Chan.no: 10  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 12.31 g  
 RMS (req.): 6.787 g  
 Contr.strat.: Closed loop

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

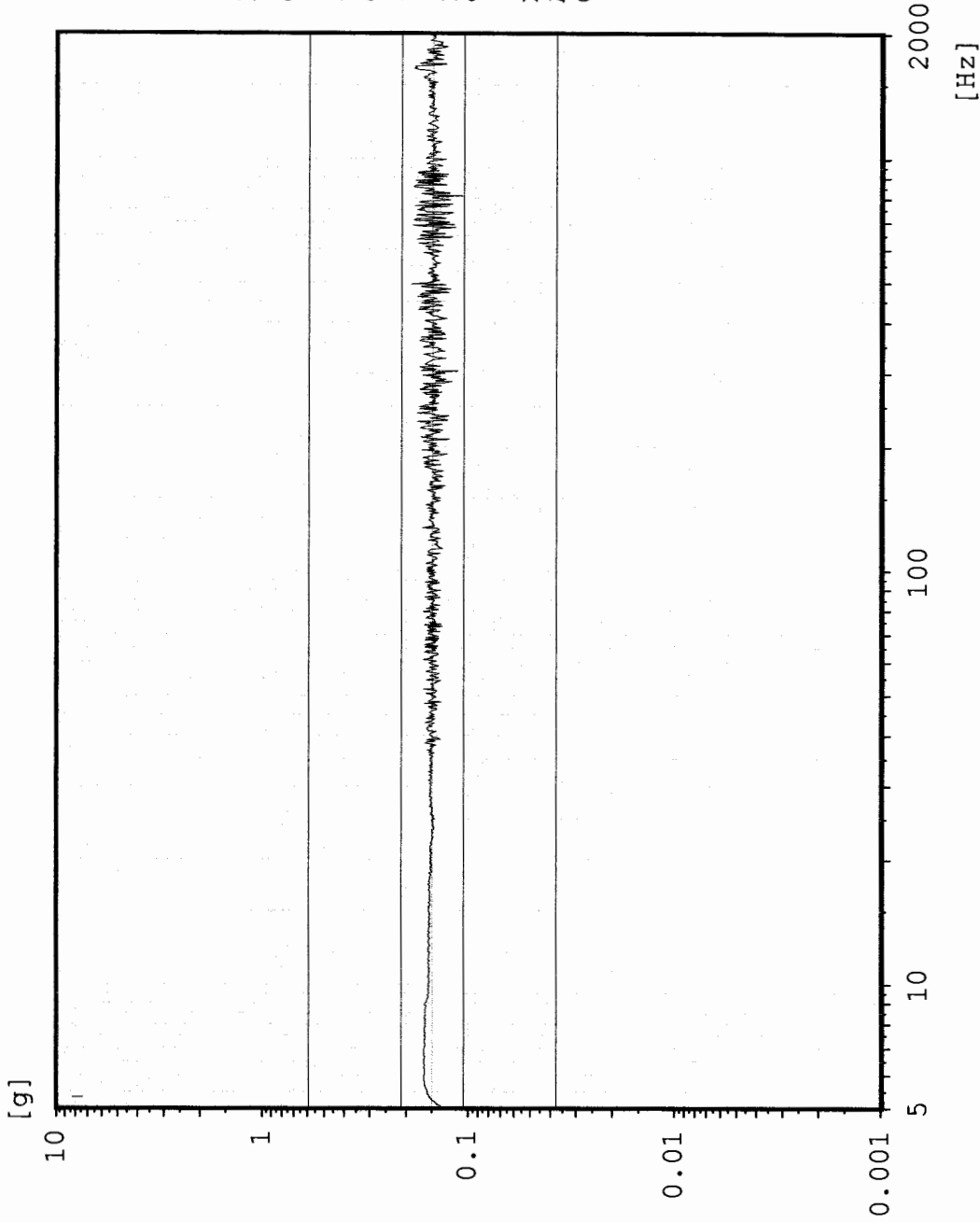
-- Time total --  
 elapsed: 000:02:56  
 remaining: 000:00:00

Date: 07-28-05  
 Time: 17:43:41

X - Axis  
 Acceptance Unit  
 GLAT 1848

# Sine CX1 X-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

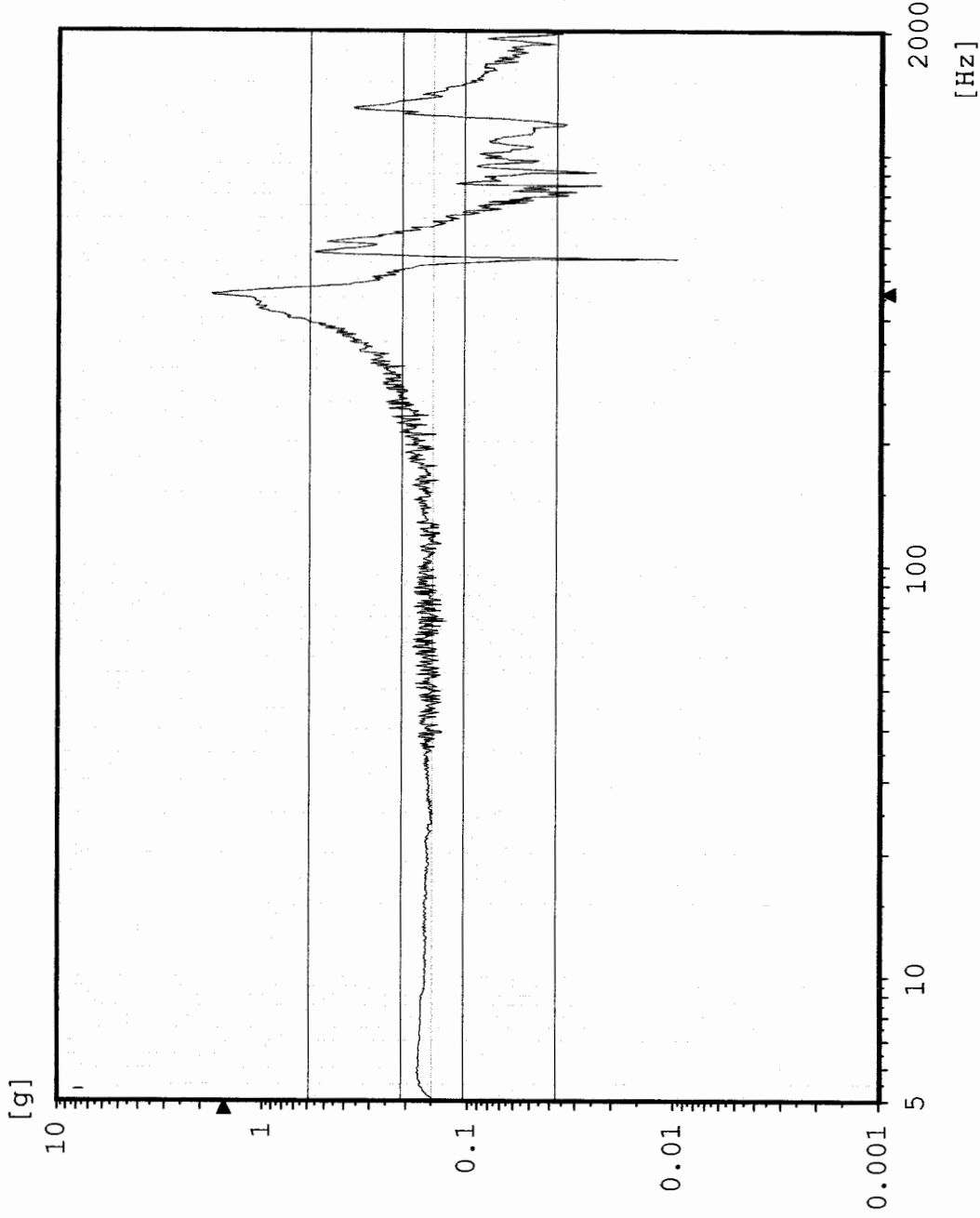
-- Testing time --  
elapsed: 00:04:18  
remaining: 00:00:00

Date: 07-28-05  
Time: 17:53:11

X - axis Post Random  
Acceptance Unit  
GLAT 1848

# Sine AX3 TPS top center

Stanford Linear Accelerator  
J/N 49995.52115  
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

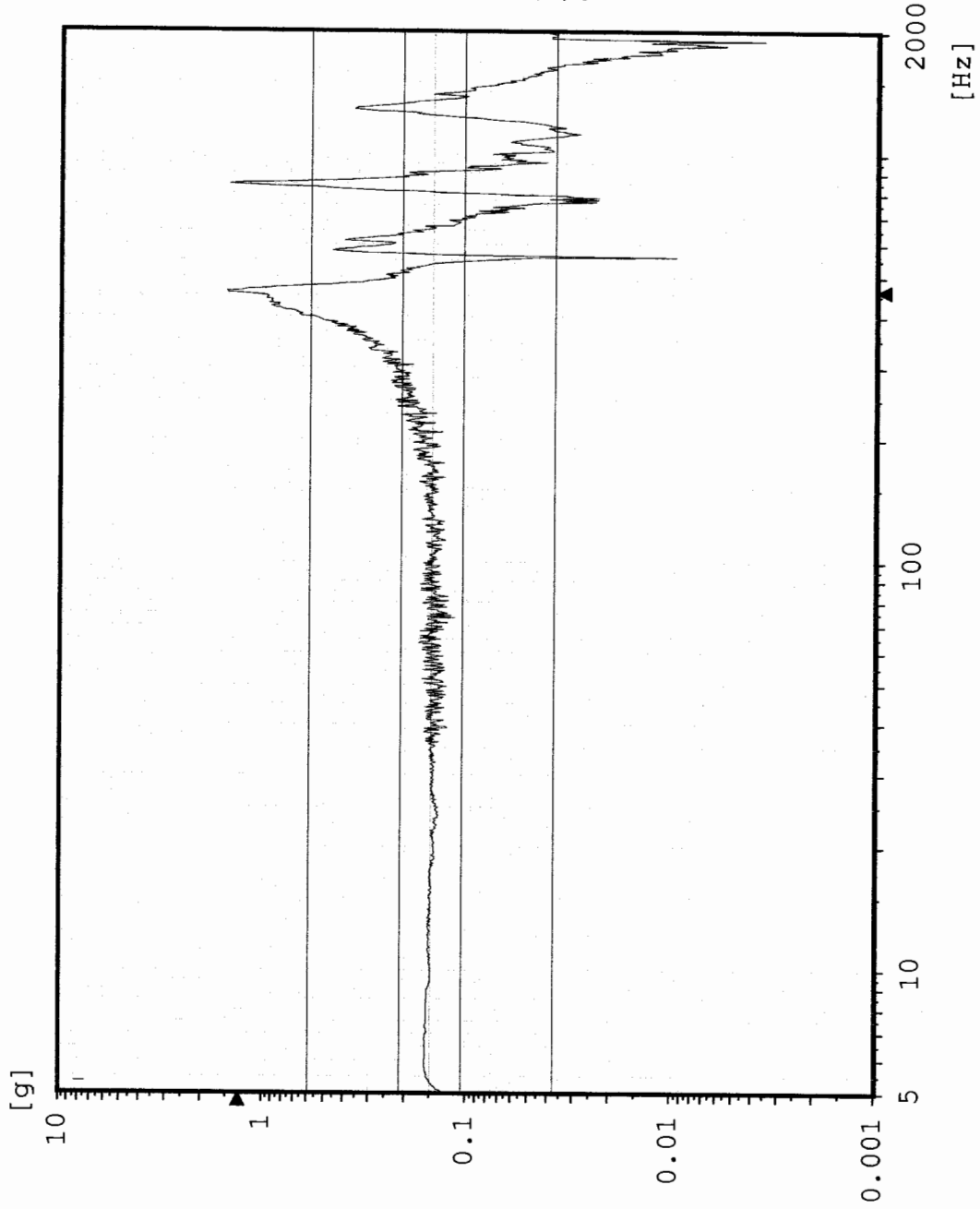
-- Testing time --  
 elapsed: 000:04:18  
 remaining: 000:00:00

Date: 07-28-05  
 Time: 17:53:11

X - axis Post Random  
 Acceptance Unit  
 GLAT 1848

# AX4 TPS top edge

Sine  
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: 07-28-05  
 Time: 17:53:11  
 X - axis Post Random  
 Acceptance Unit  
 GLAT 1848

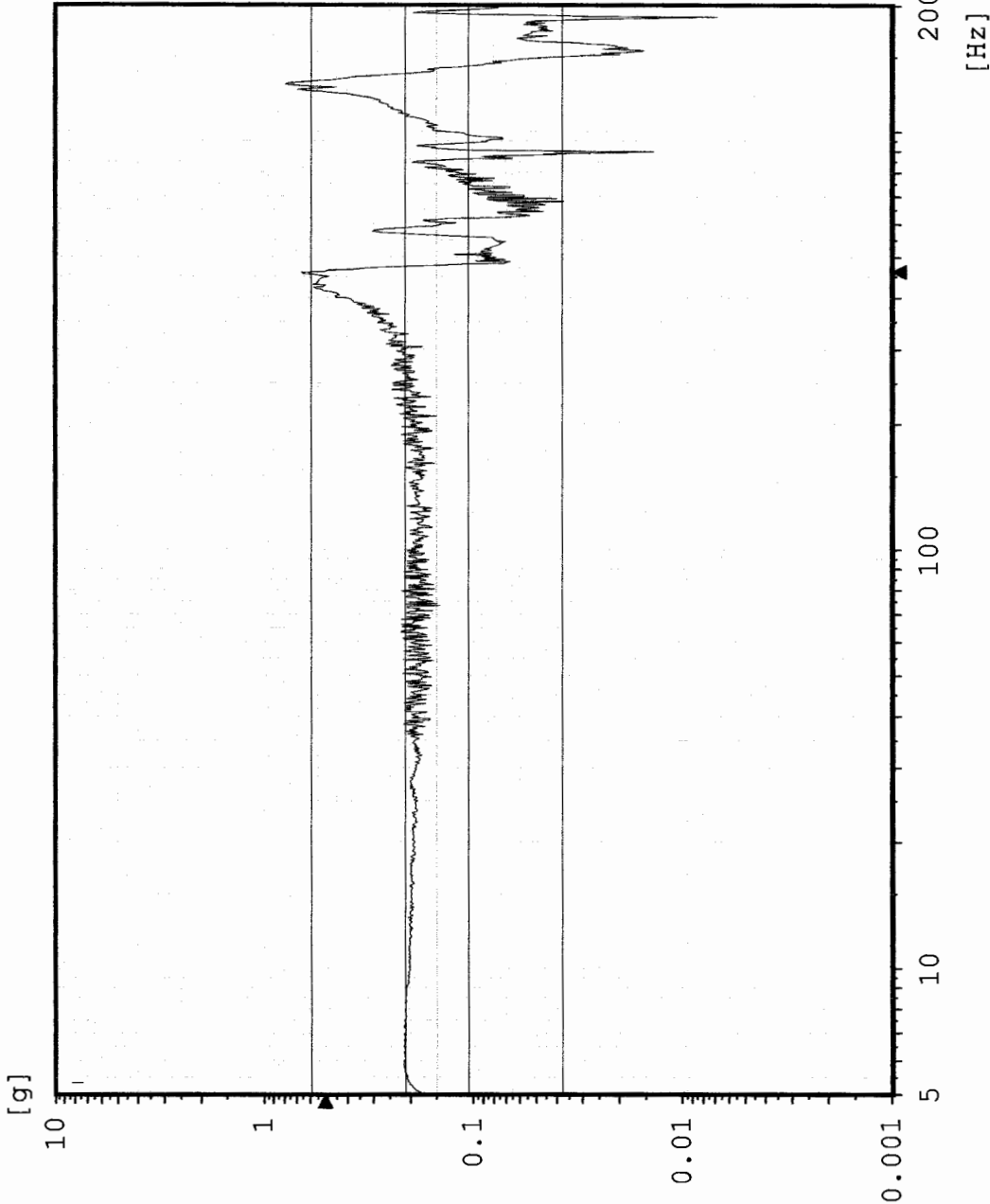


# Sine AX1 TEM center edge

Stanford Linear Accelerator

J/N 49995.52115

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

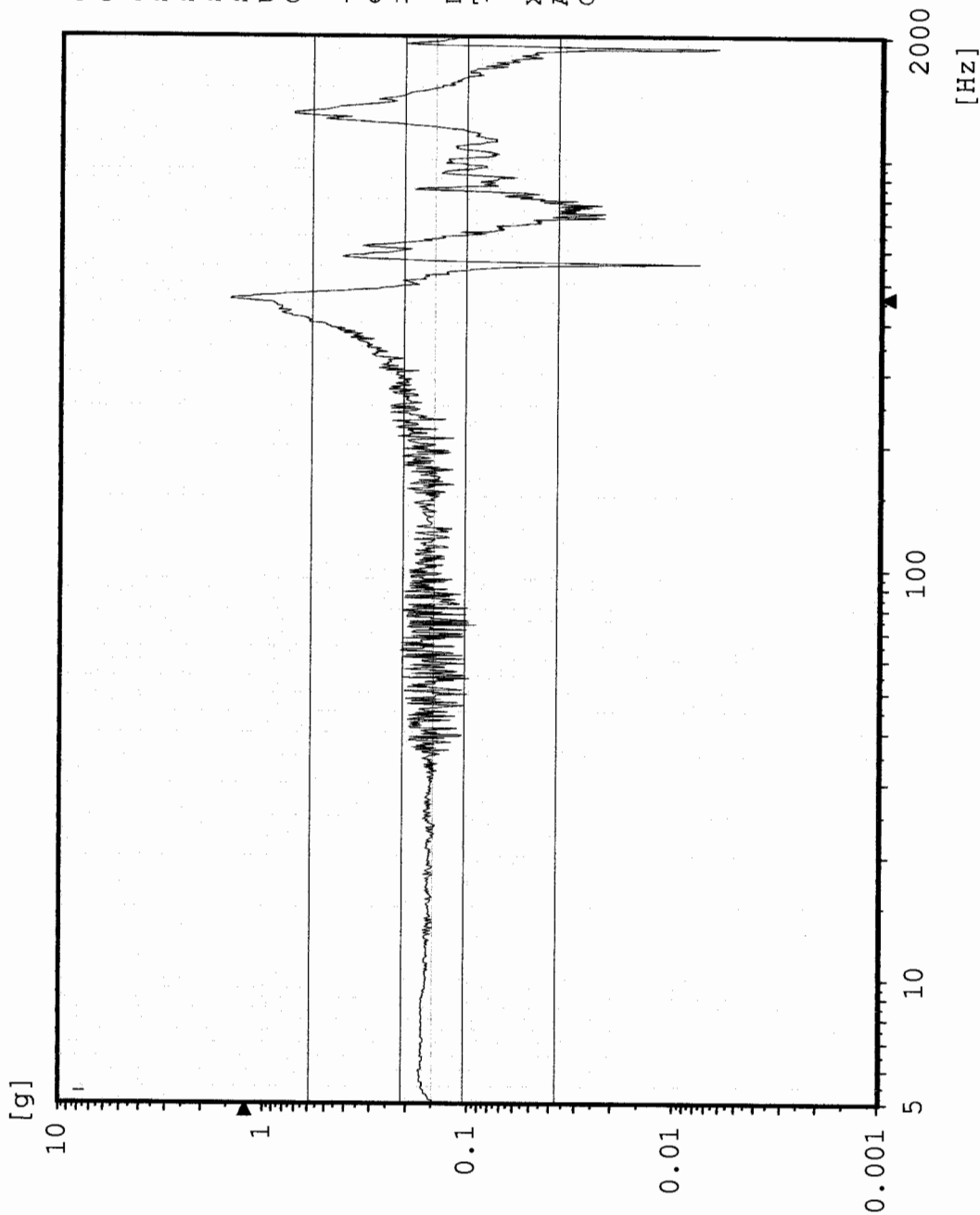
-- Testing time --  
 elapsed: 000:04:18  
 remaining: 000:00:00

Date: 07-28-05  
 Time: 17:53:11

X - axis Post Random  
 Acceptance Unit  
 GLAT 1848

# AX2 TPS CG

Sine  
Stanford Linear Accelerator  
J/N 49995.52115  
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

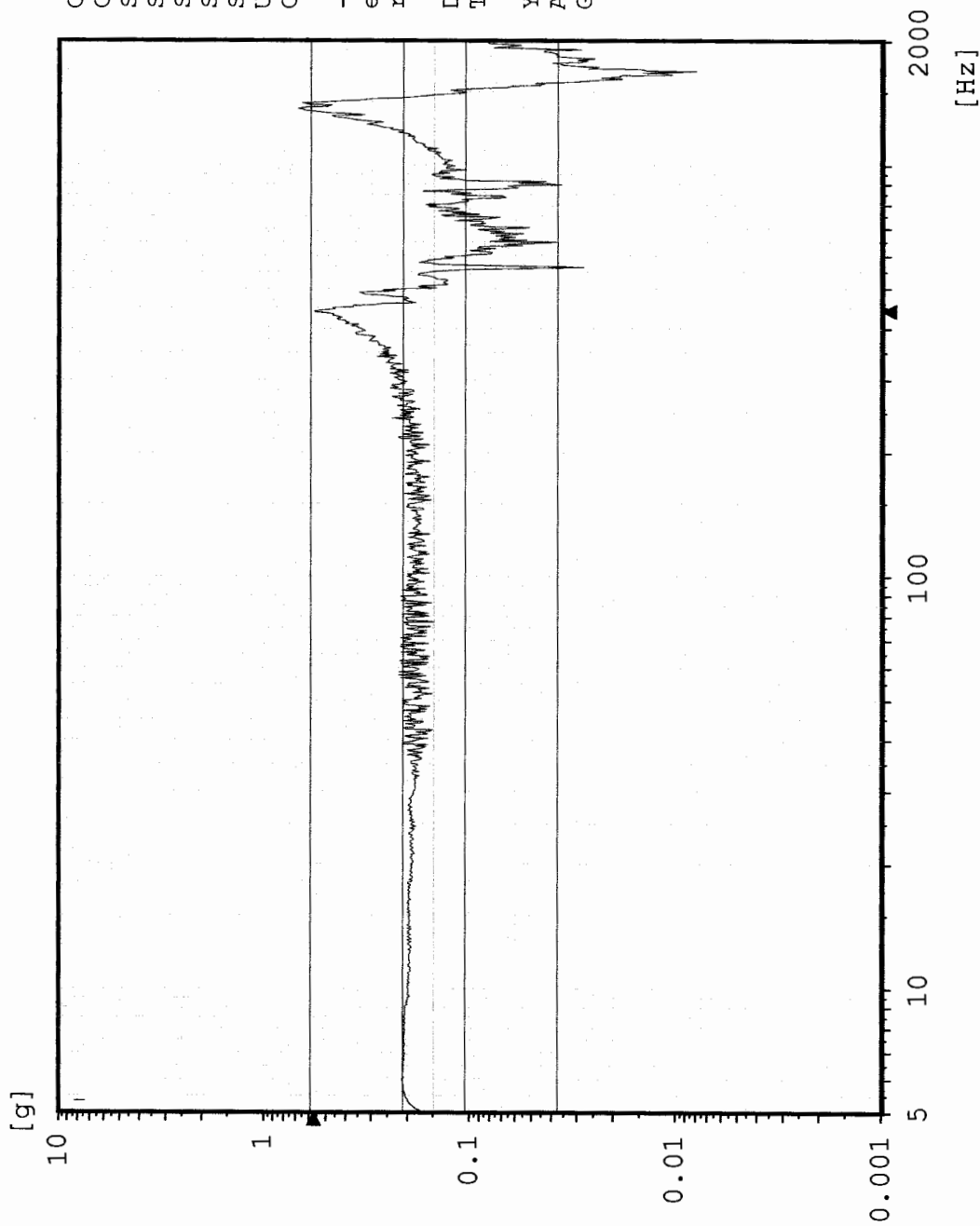
-- Testing time --  
 elapsed: 000:04:18  
 remaining: 000:00:00

Date: 07-28-05  
 Time: 17:53:11

X - axis Post Random  
 Acceptance Unit  
 GLAT 1848

# Sine AY1 TEM Center Edge

Stanford Linear Accelerator  
J/N 49995.52115  
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

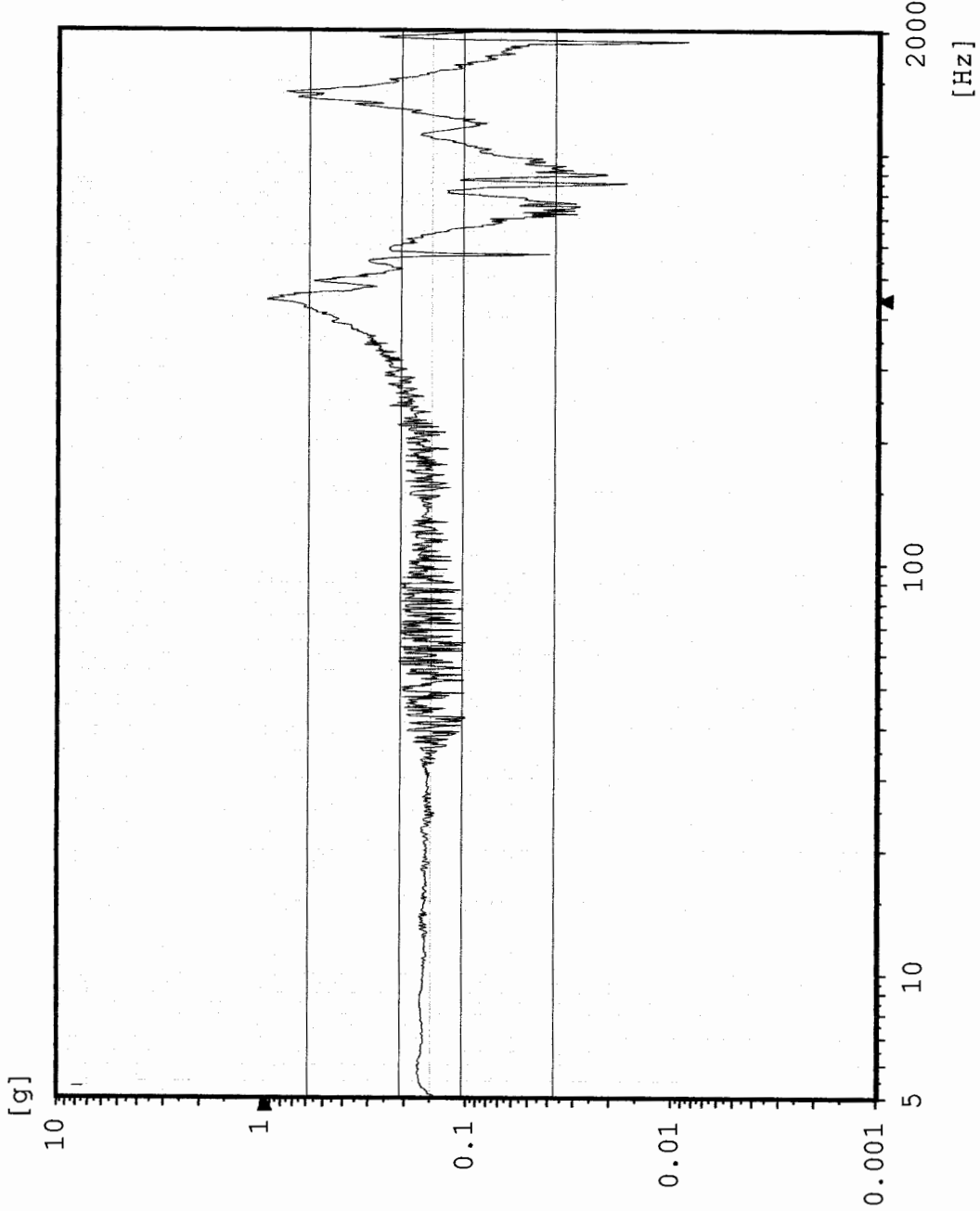
Date: 07-28-05  
Time: 16:50:49

Y - axis Post Random  
Acceptance Unit  
GLAT 1847

Max: 441.4 Hz 0.9569 g

# AY2 TPS CG

Sine  
Stanford Linear Accelerator  
J/N 49995.52115  
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

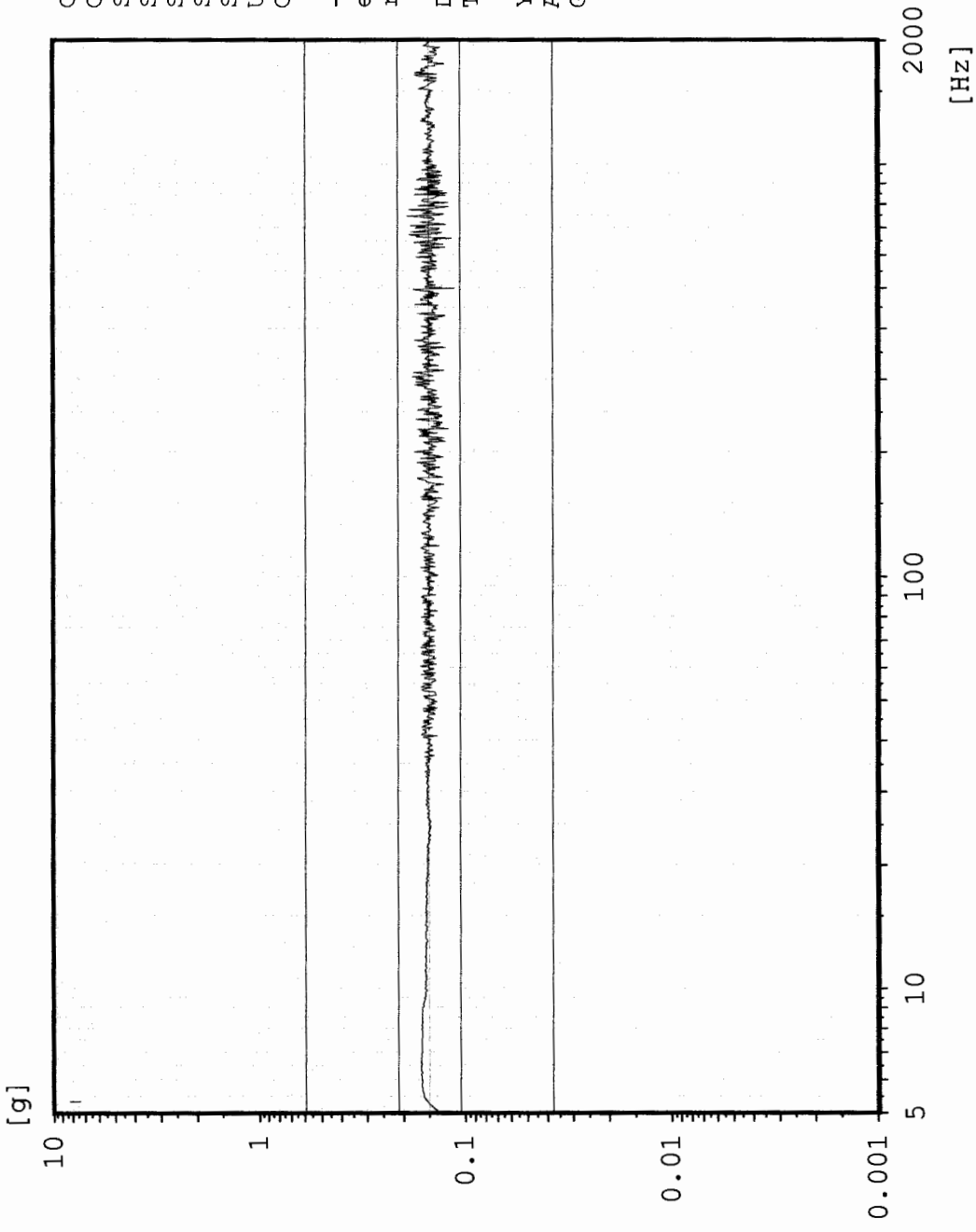
-- Testing time --  
elapsed: 000:04:18  
remaining: 000:00:00

Date: 07-28-05  
Time: 16:50:49

Y - axis Post Random  
Acceptance Unit  
GLAT 1847

# CY1 Y-Axis Control

Sine  
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: 07-28-05  
Time: 17:08:05

Y - axis Pre Random  
Acceptance Unit  
GIAT 1848

Max: 465.2 Hz 1.654 g

# Sine AY3 TPS Top Center

Stanford Linear Accelerator  
J/N 49995.52115  
TEM / TPS

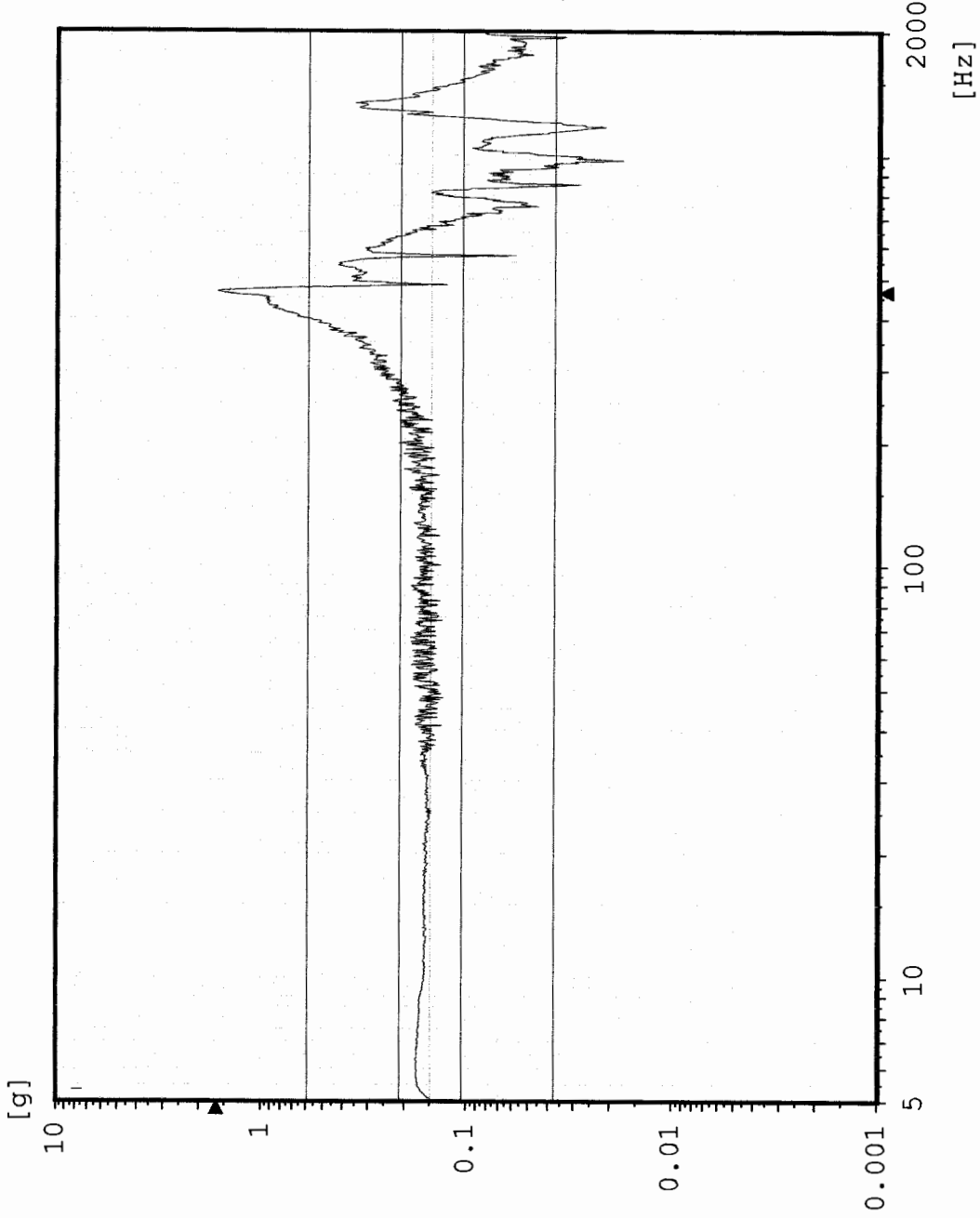


Chan.no: 2  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 2.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

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

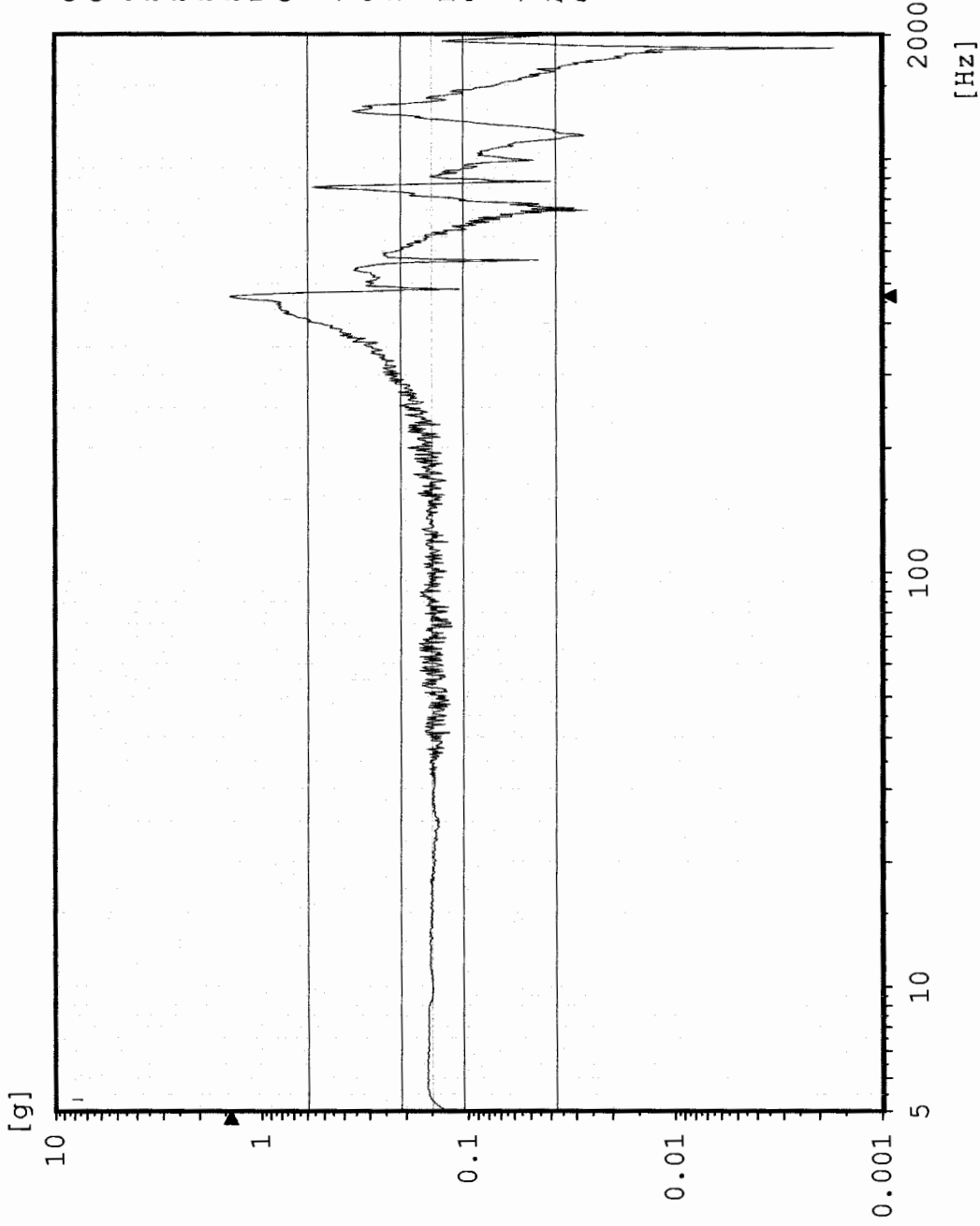
Date: 07-28-05  
Time: 17:08:05

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: 07-28-05  
 Time: 17:08:05

Y - axis Pre Random  
 Acceptance Unit  
 GLAT 1848

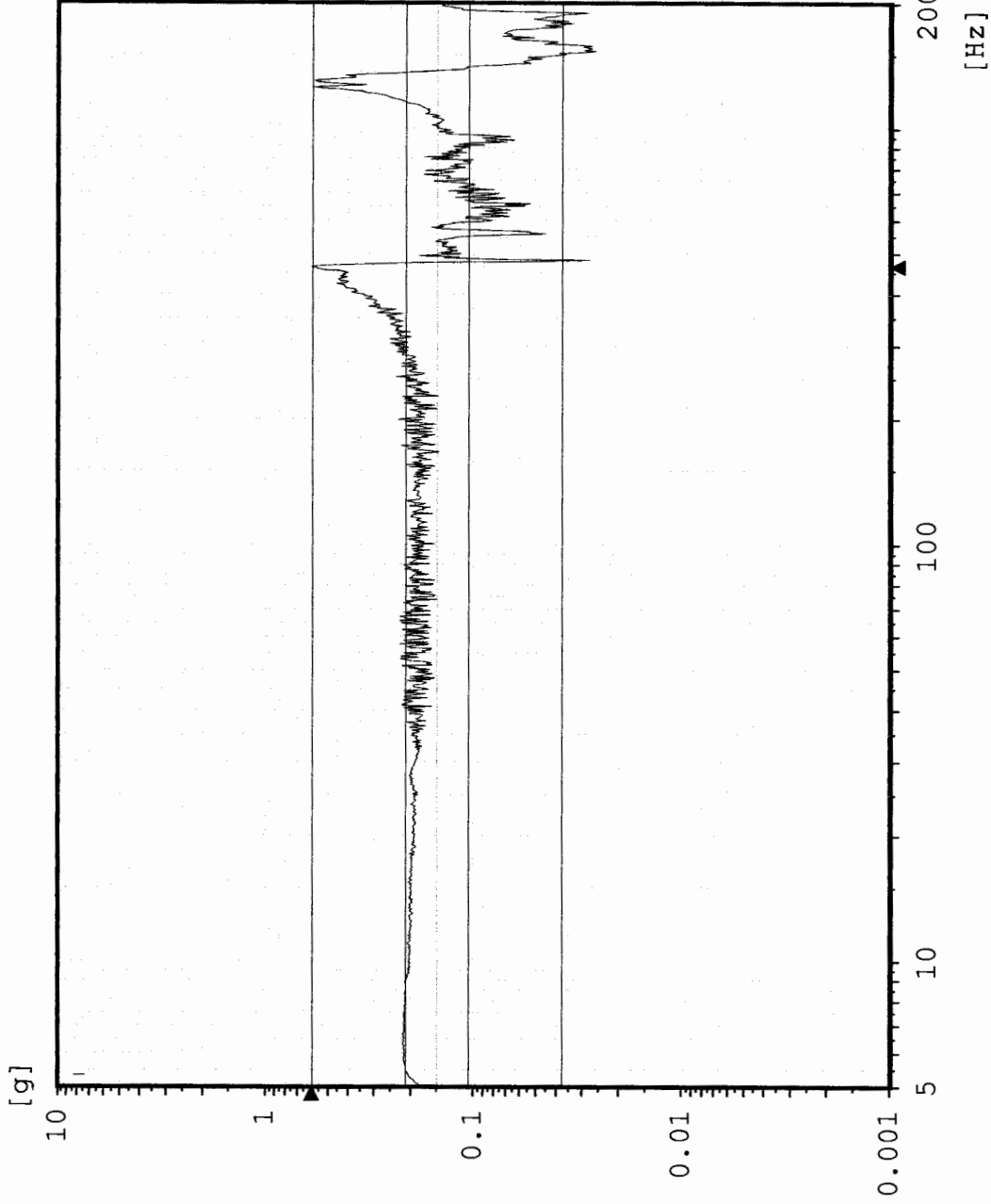
Max: 465.2 Hz 0.6007 g

# Sine AY1 TEM Center Edge

Stanford Linear Accelerator

J/N 49995.52115

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: 07-28-05  
Time: 17:08:05

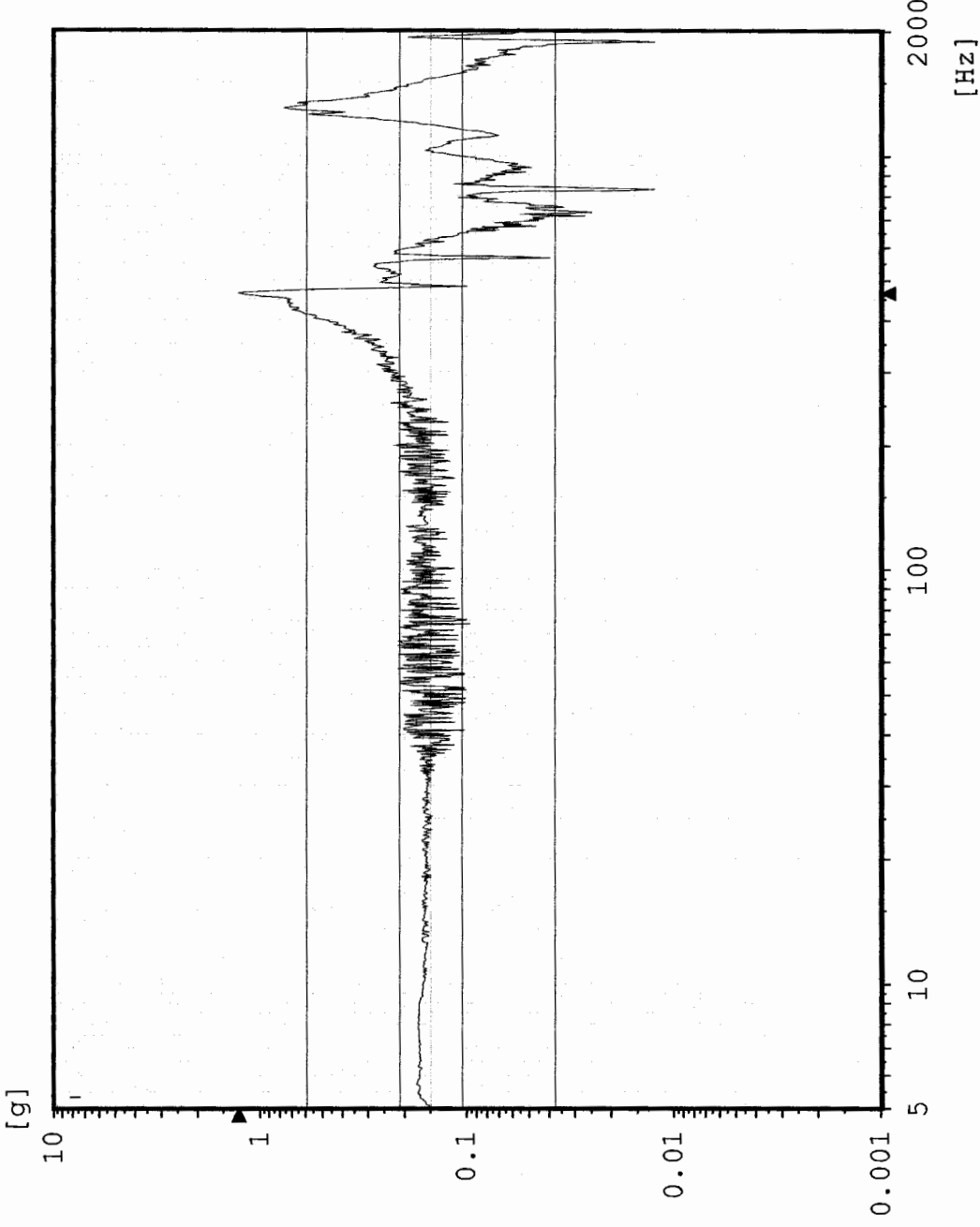
Y - axis Pre Random  
Acceptance Unit  
GLAT 1848



Max: 465.2 Hz 1.274 g

# AY2 TPS CG

Sine  
Stanford Linear Accelerator  
J/N 49995.52115  
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

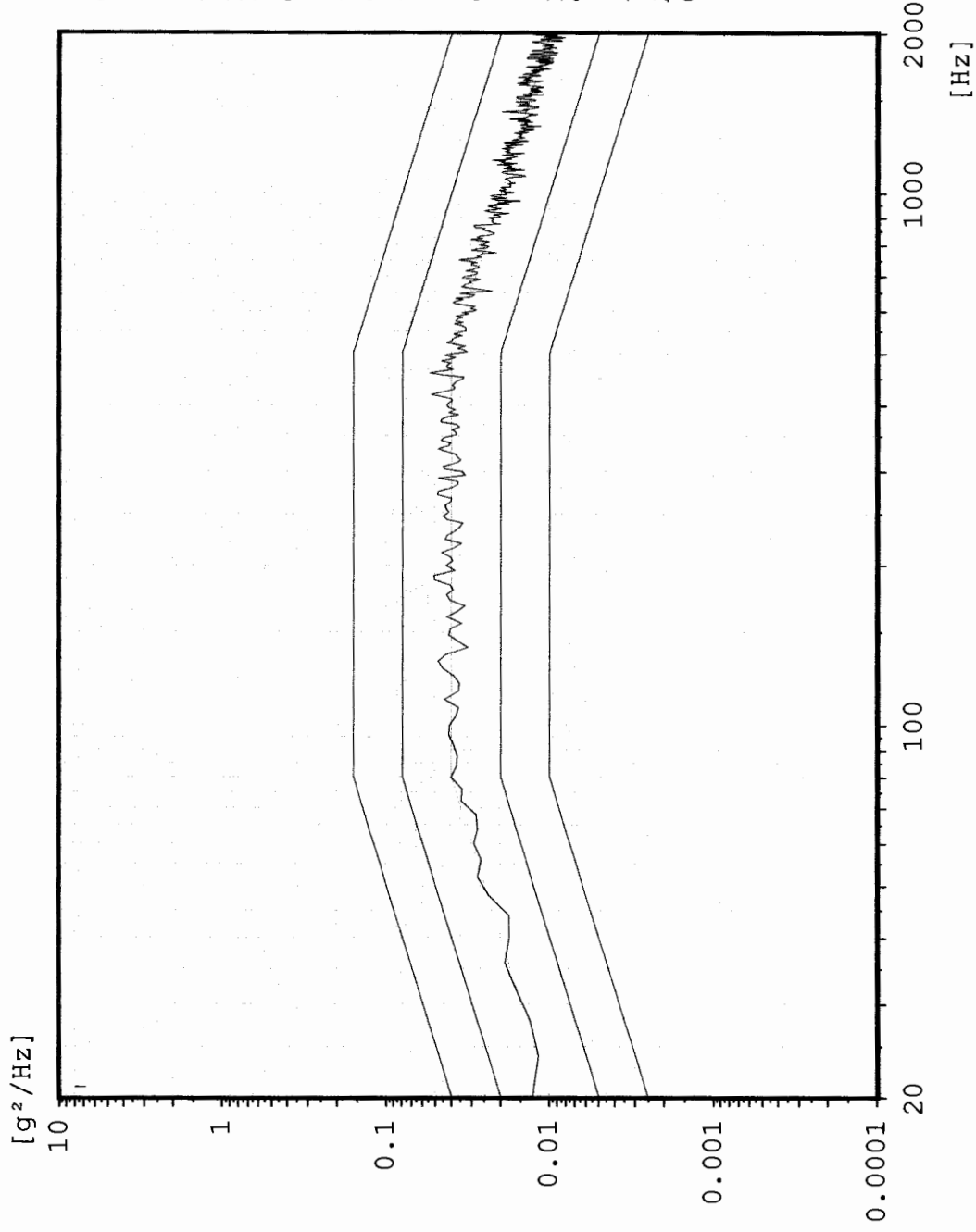
-- Testing time --  
elapsed: 000:04:18  
remaining: 000:00:00

Date: 07-28-05  
Time: 17:08:05

Y - axis Pre Random  
Acceptance Unit  
GLAT 1848

# CY1 Y-Axis Control

Random  
Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



Chan.no: 1  
Chan.type: C  
DOF: 126  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit:  $g^2/Hz$   
RMS (act.): 6.832 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

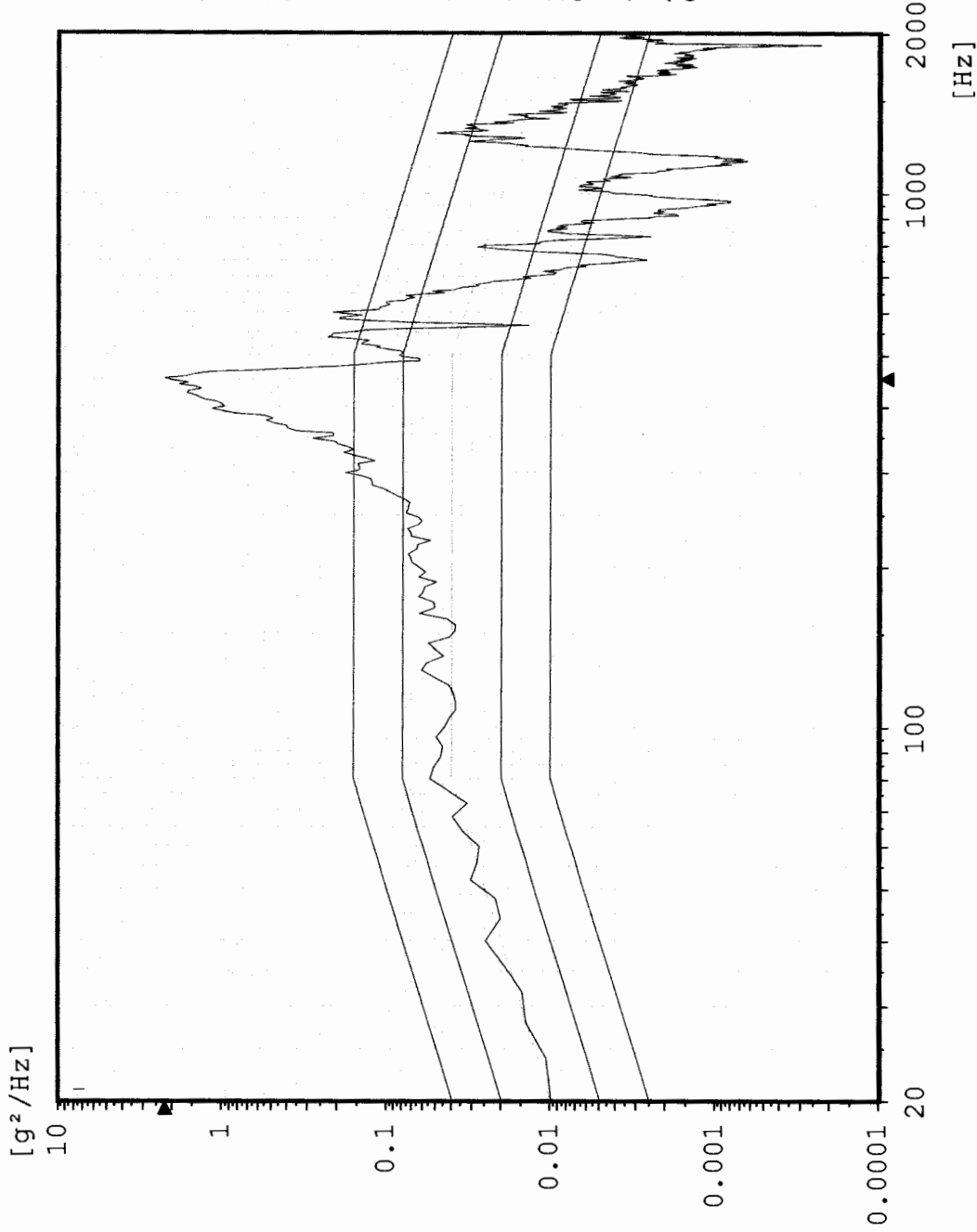
Date: 07-28-05  
Time: 17:16:07

Y - Axis  
Acceptance Unit  
GLAT 1848

Max: 452 Hz 2.235 g<sup>2</sup>/Hz

# Random AY3 TPS Top Center

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



Chan.no: 2  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 13.68 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: 07-28-05  
 Time: 17:16:07

Y - Axis  
 Acceptance Unit  
 GLAT 1848

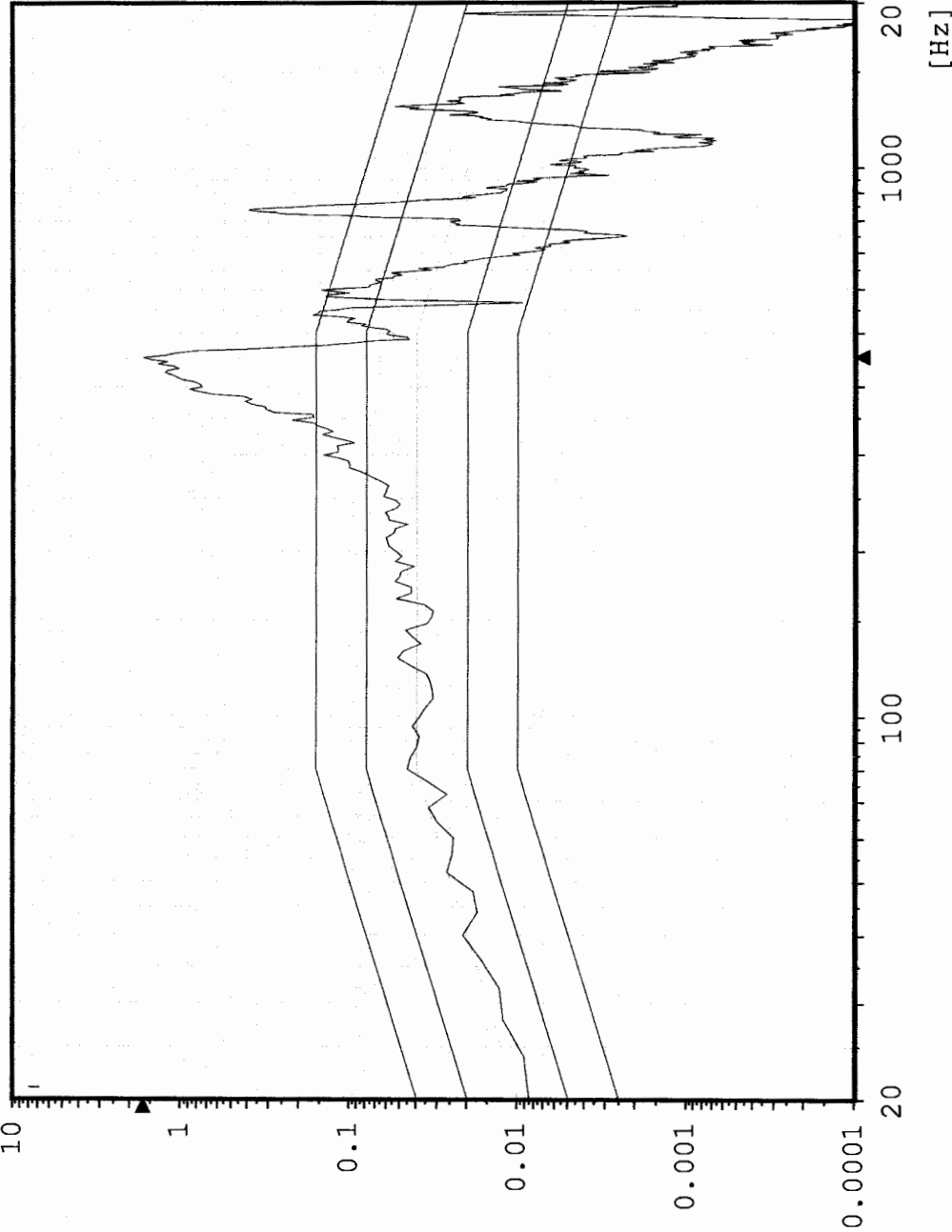
Max: 452 Hz 1.677 g<sup>2</sup>/Hz

# AY4 TPS Top Edge

Random  
Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



[g<sup>2</sup>/Hz]



Chan.no: 3  
Chan.type: M  
DOF: 100  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 12.49 g  
RMS (req.): 6.787 g  
Contr.strat.: Closed loop

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

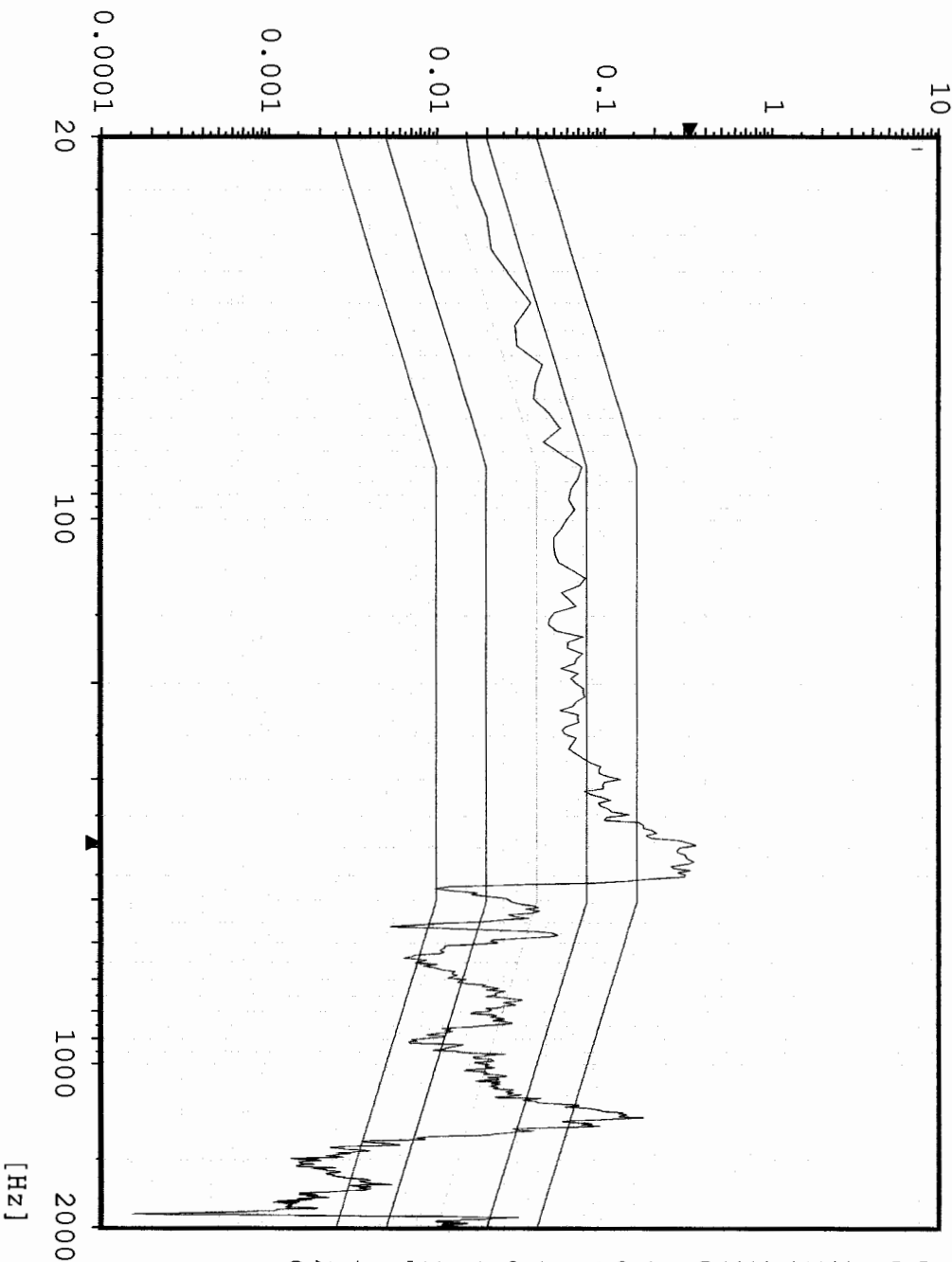
-- Time total --  
elapsed: 000:02:53  
remaining: 000:00:00

Date: 07-28-05  
Time: 17:16:07

Y - Axis  
Acceptance Unit  
GLAT 1848

# Random AY1 TEM Center 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:  $g^2/Hz$   
 RMS (act.): 9.012 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: 07-28-05  
 Time: 17:16:07

Y - Axis  
 Acceptance Unit  
 GLAT 1848

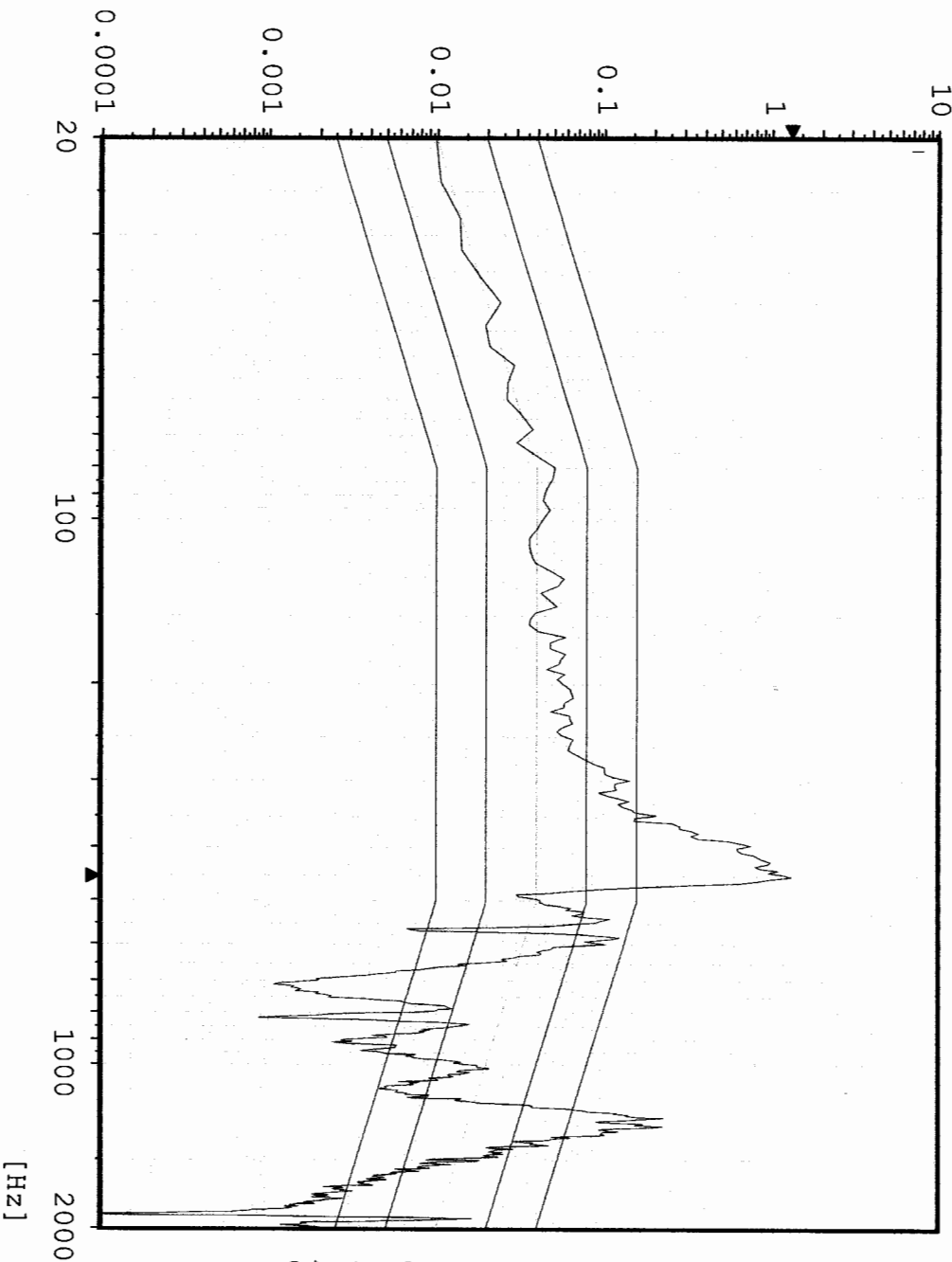
Random

AY2 TPS CG

Stanford Linear Accelerator  
J/N 49995.52115

TEM & TPS

[g<sup>2</sup>/Hz]



Chan.no: 10  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 11.93 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: 07-28-05  
 Time: 17:16:07

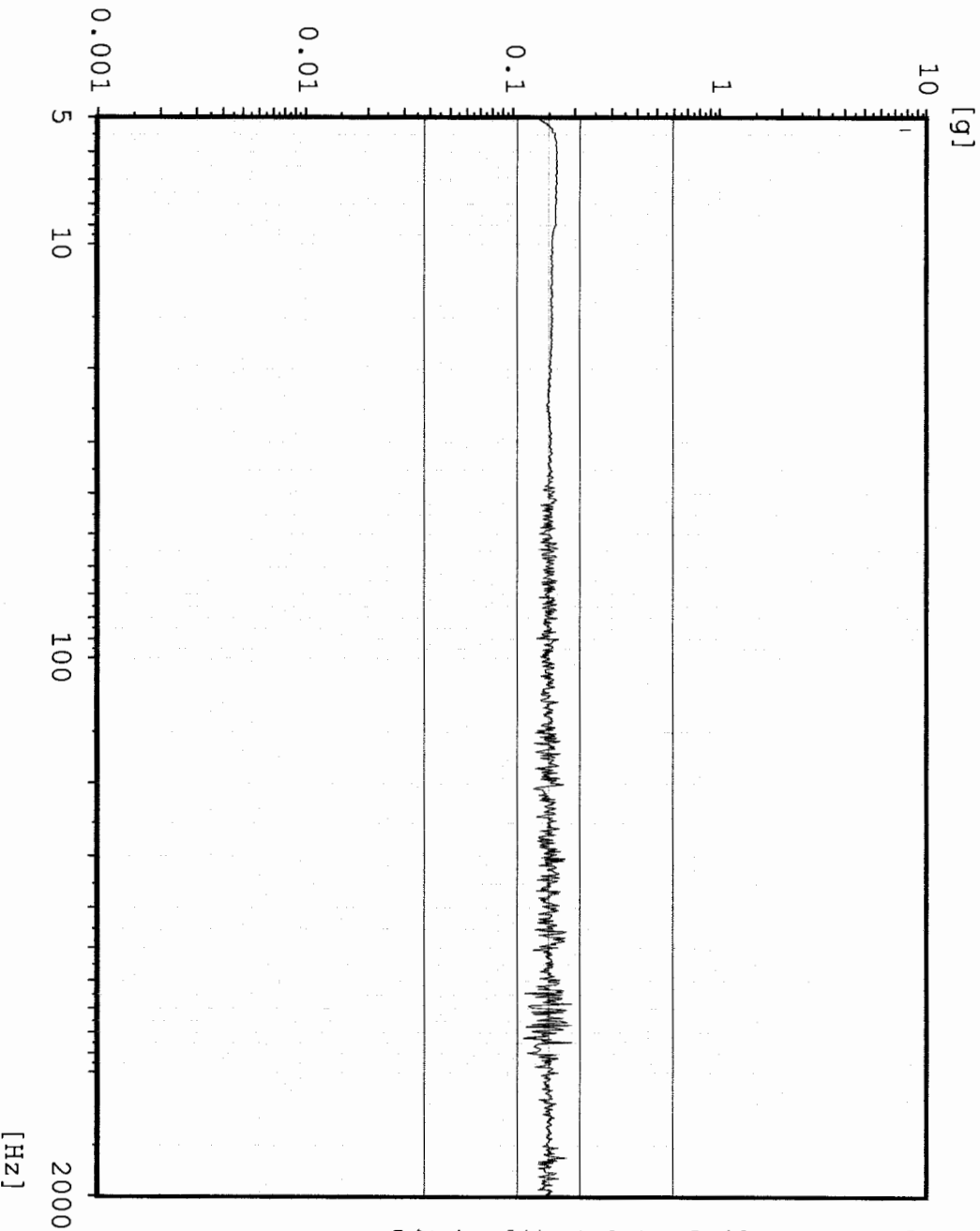
Y - Axis  
 Acceptance Unit  
 GLAT 1848

# Sine CY1 Y-Axis Control

Stanford Linear Accelerator

J/N 499995.52115

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

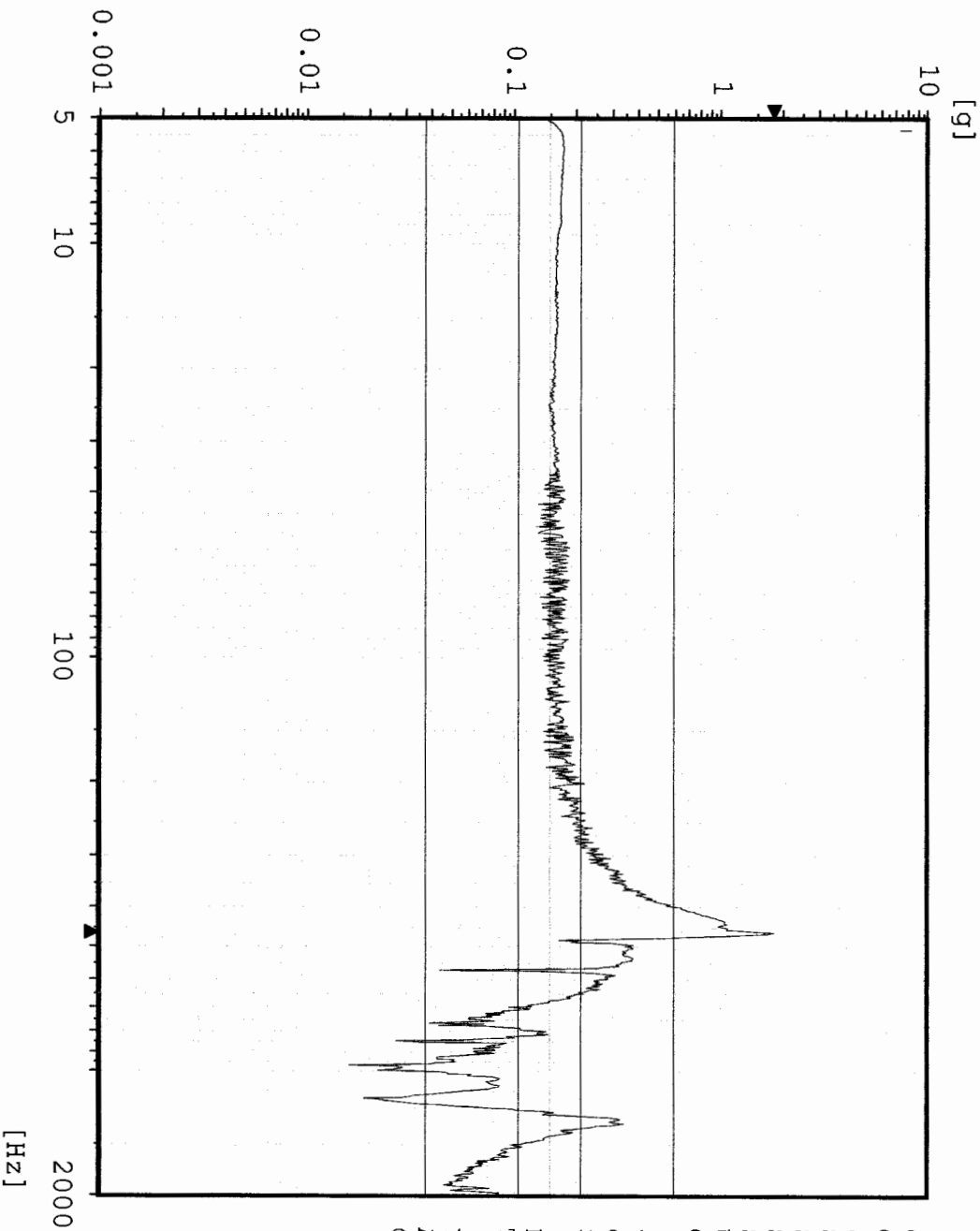
-- Testing time --  
elapsed: 000:04:18  
remaining: 000:00:00

Date: 07-28-05  
Time: 17:24:26

Y - axis Post Random  
Acceptance Unit  
GLAT 1848

# Sine AY3 TPS Top Center

Stanford Linear Accelerator  
J/N 49995.52115  
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: 07-28-05
Time: 17:24:26

```

```

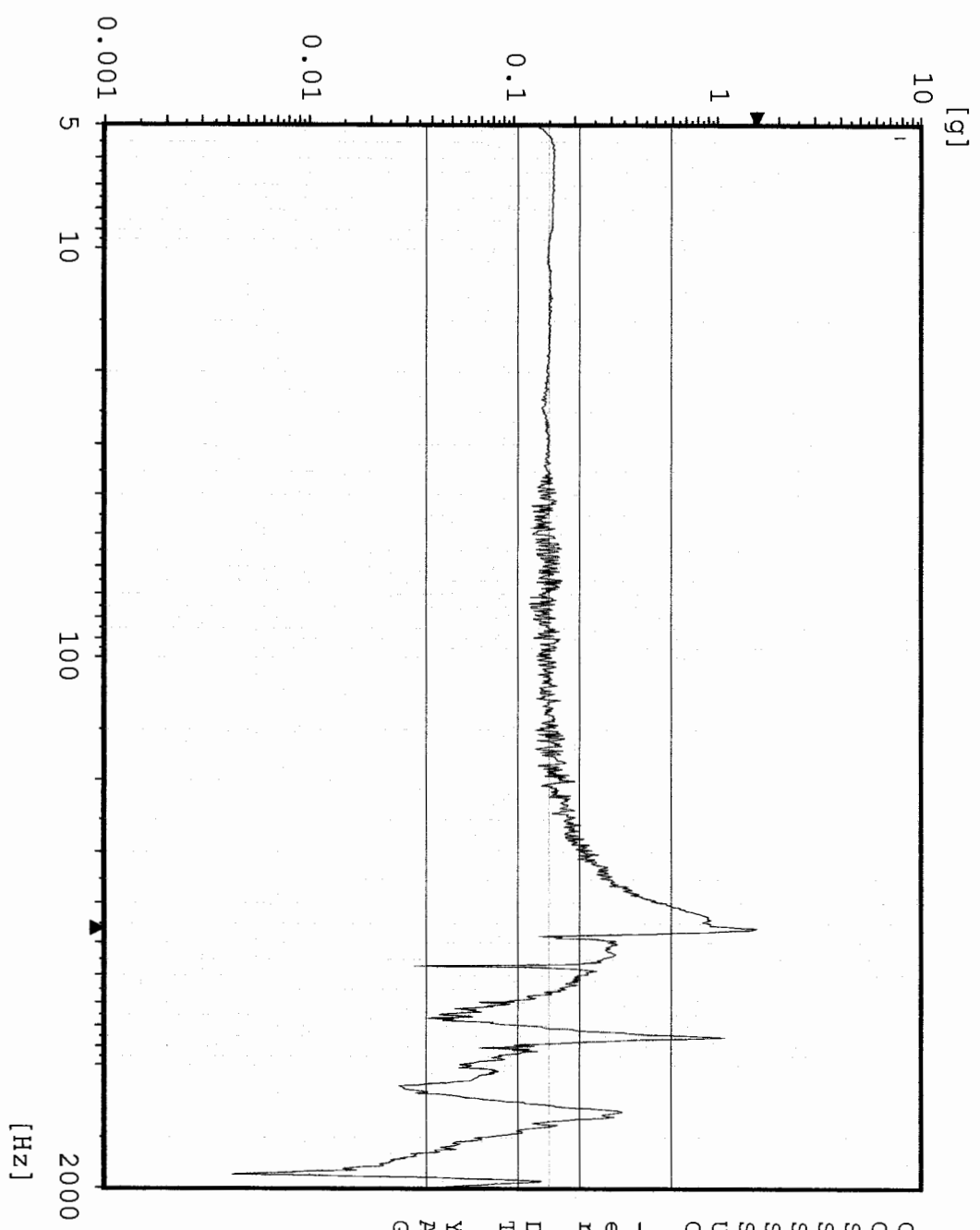
Y - axis Post Random
Acceptance Unit
GLAT 1848

```



# Sine AY4 TPS Top Edge

Stanford Linear Accelerator  
J/N 49995.52115  
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

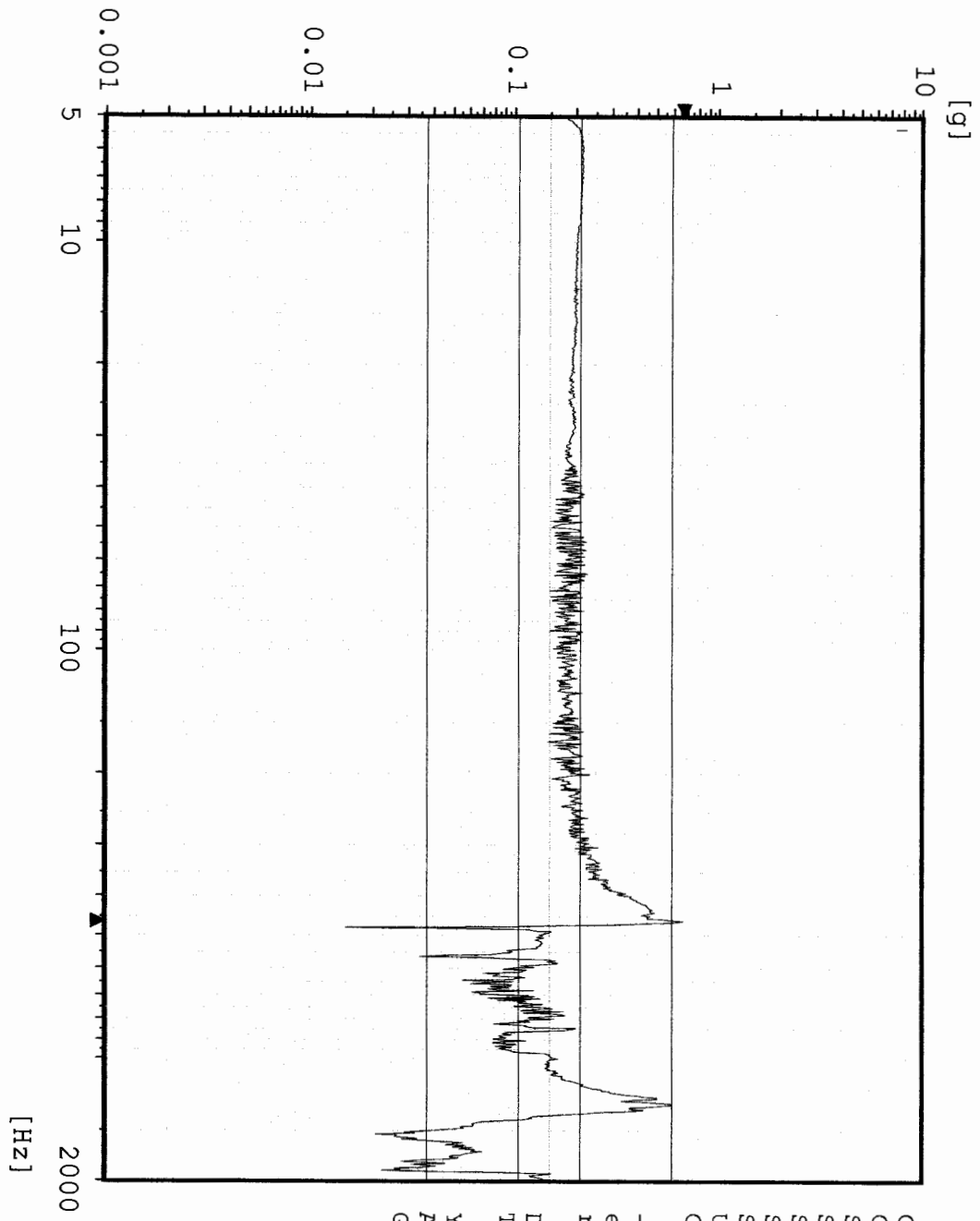
Date: 07-28-05  
 Time: 17:24:26

Y - axis Post Random  
 Acceptance Unit  
 GLAT 1848

Sine  
Stanford Linear Accelerator  
J/N 49995.52115  
TEM / TPS

# AY1 TEM Center Edge

Max: 462.5 Hz 0.6798 g



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: 07-28-05  
Time: 17:24:26

Y - axis Post Random  
Acceptance Unit  
GLAT 1848

Max: 462.5 Hz 1.413 g

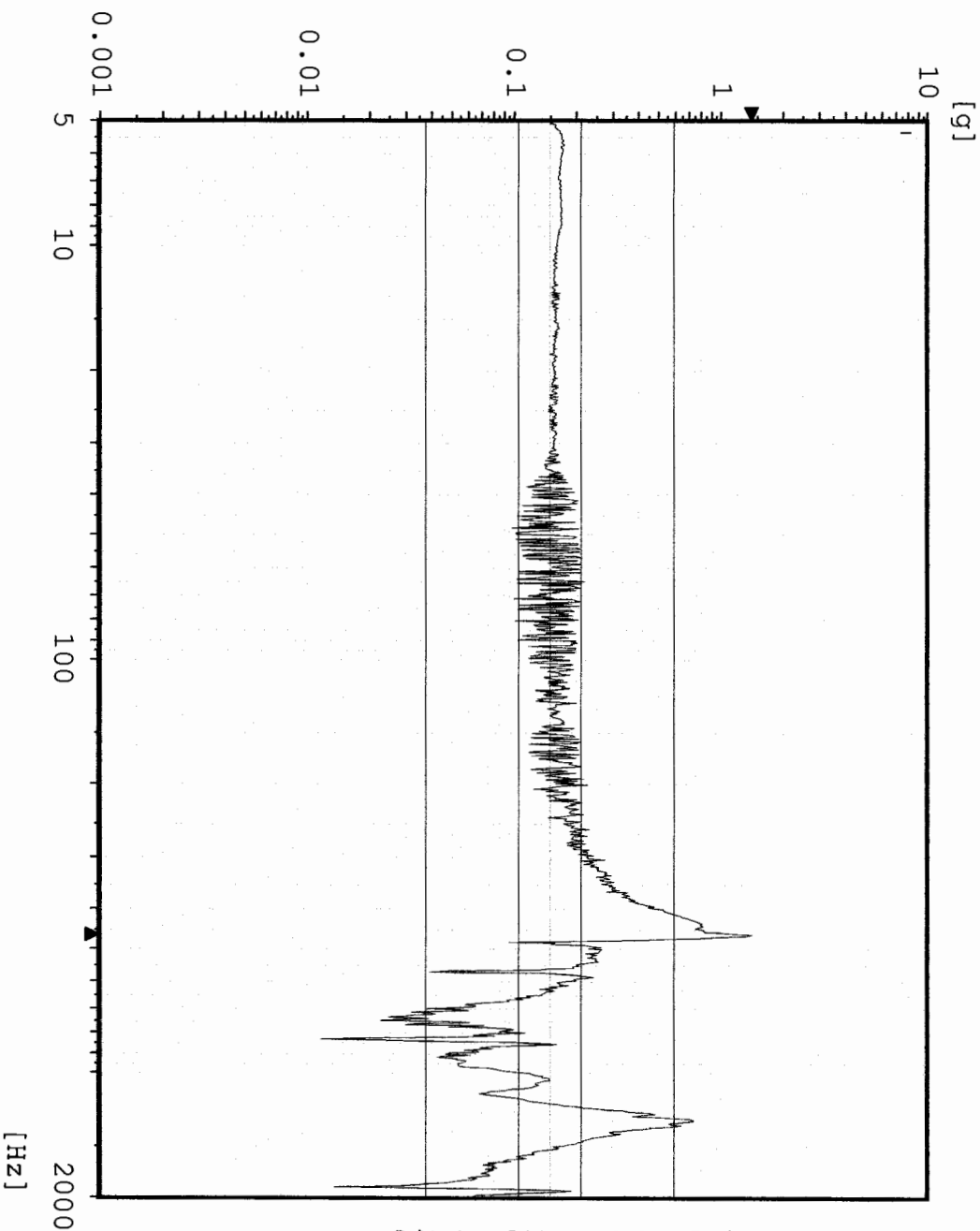
Sine

AY2 TPS CG

Stanford Linear Accelerator

J/N 49995.52115

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: 07-28-05  
 Time: 17:24:26

Y - axis Post Random  
 Acceptance Unit  
 GLAT 1848

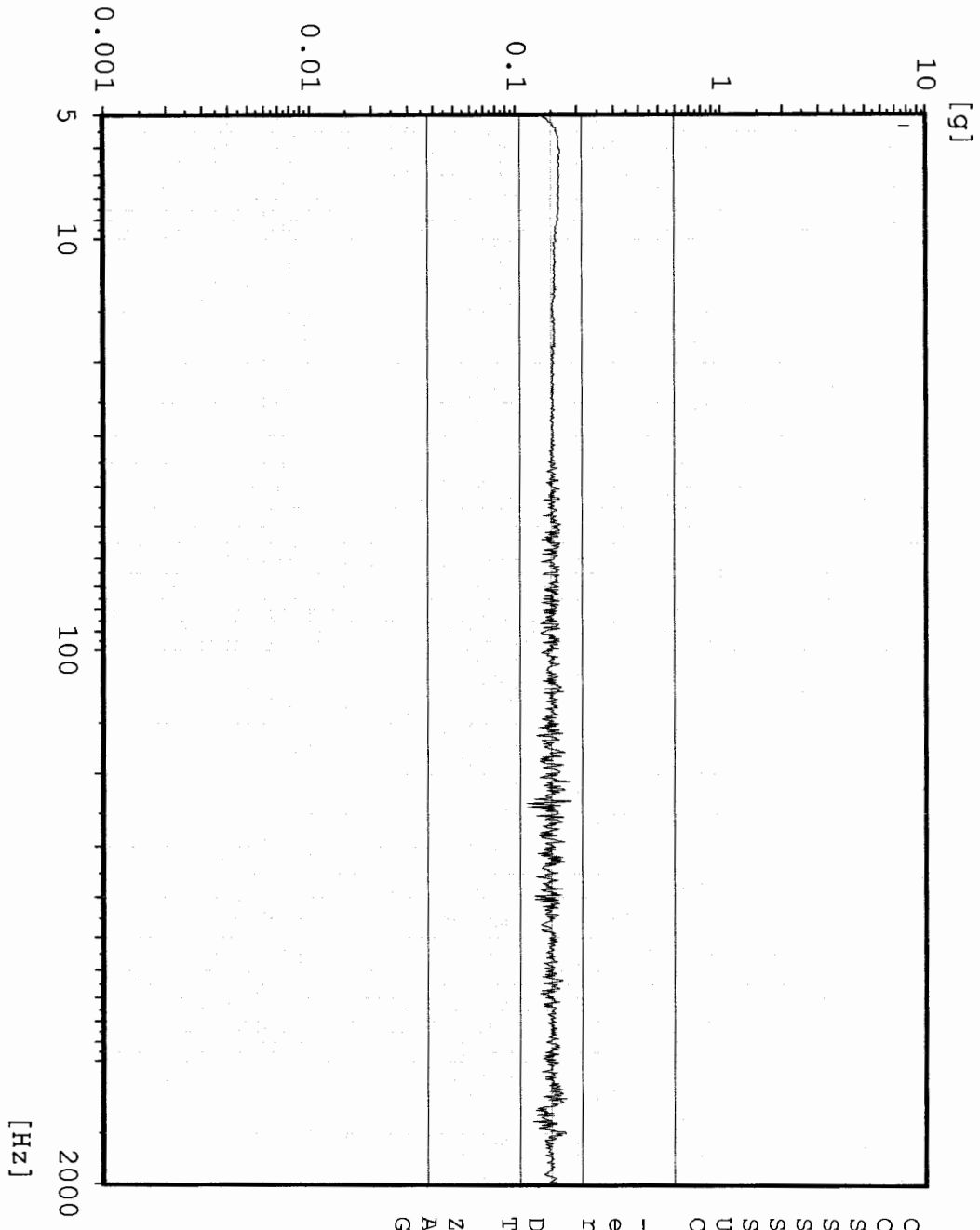
Sine

# CZ1 Z-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: 07-28-05
Time: 13:46:09
  
```

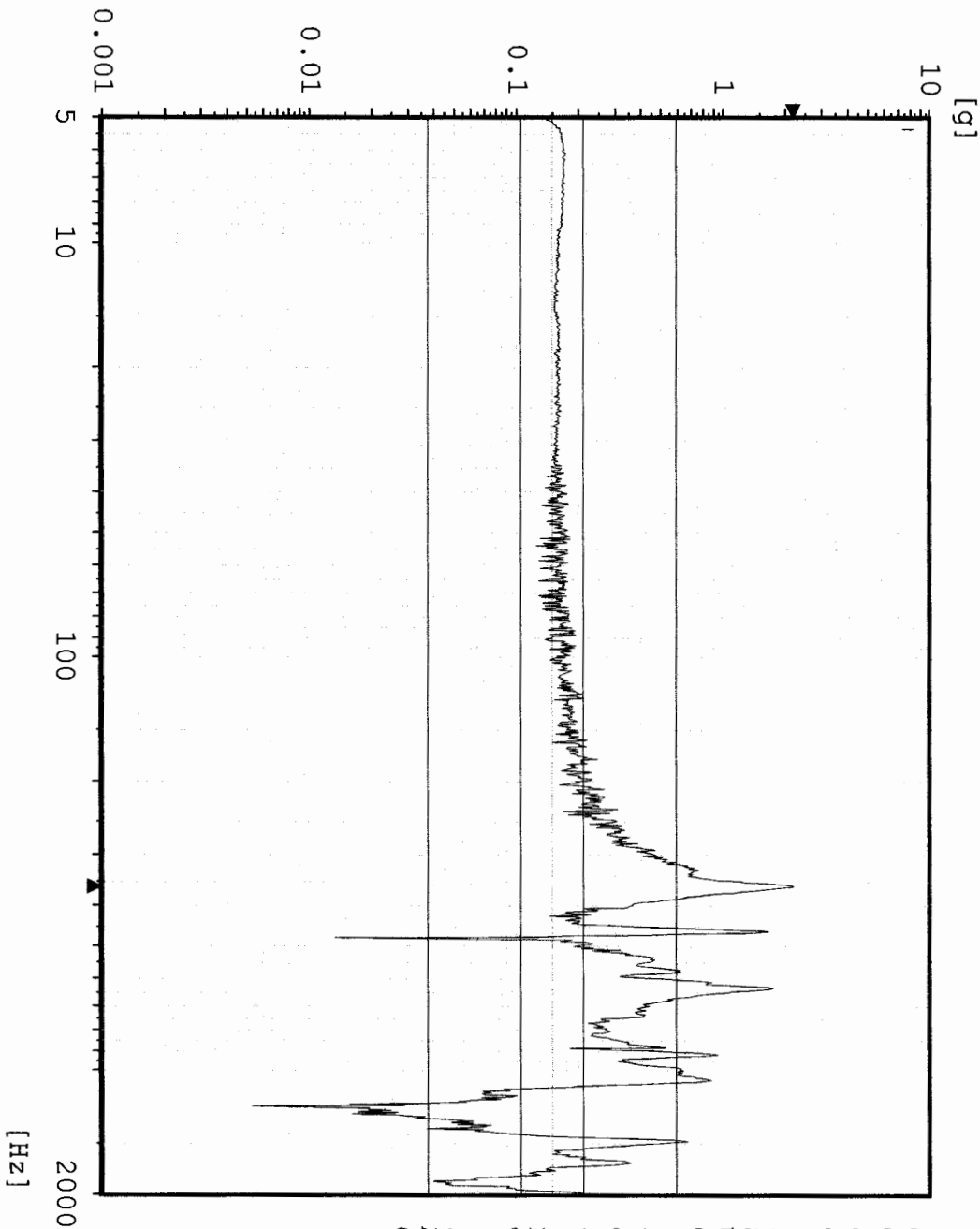
```

Z - axis Pre Random
Acceptance Unit
GIAT 1848
  
```

Sine

### AZ4 TPS Boss 2

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: 07-28-05  
Time: 13:46:09

Z - axis Pre Random  
Acceptance Unit  
GLAT 1848

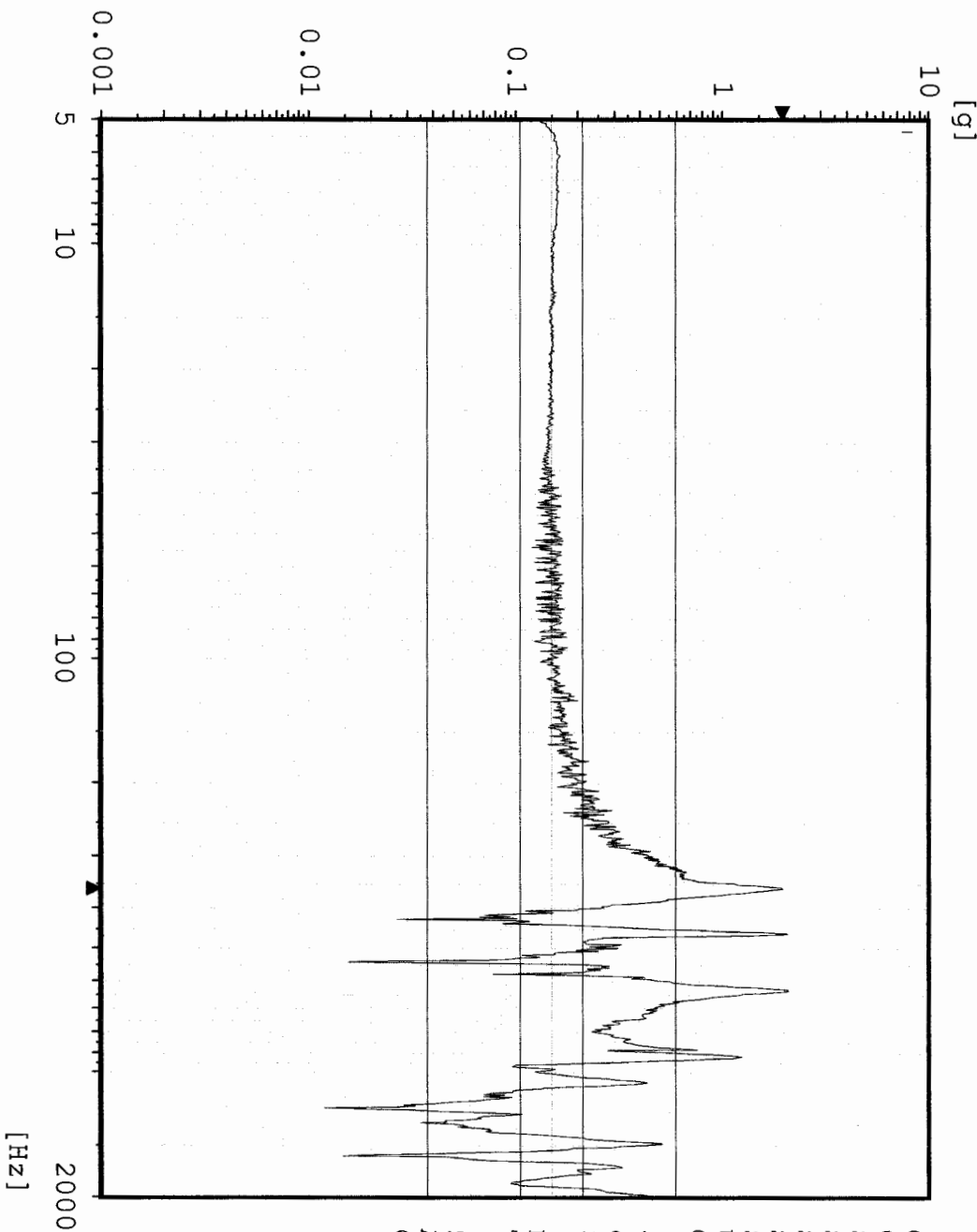
Sine

# AZ3 TPS Boss 1

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

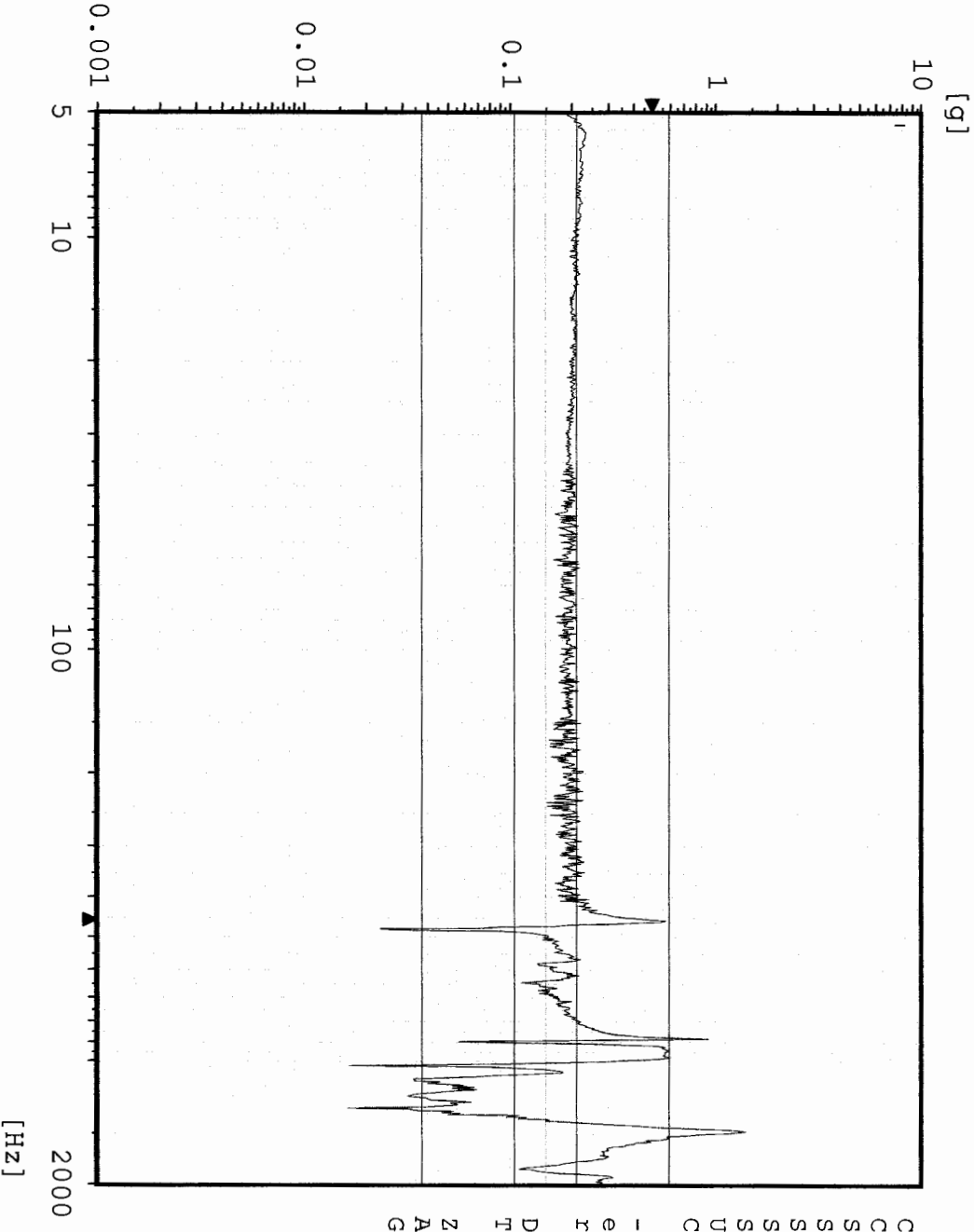
Date: 07-28-05
Time: 13:46:09

Z - axis Pre Random
Acceptance Unit
GLAT 1848

```

# Sine AZ5 TEM Bottom Edge

Stanford Linear Accelerator  
J/N 49995.52115  
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: 07-28-05  
 Time: 13:46:09

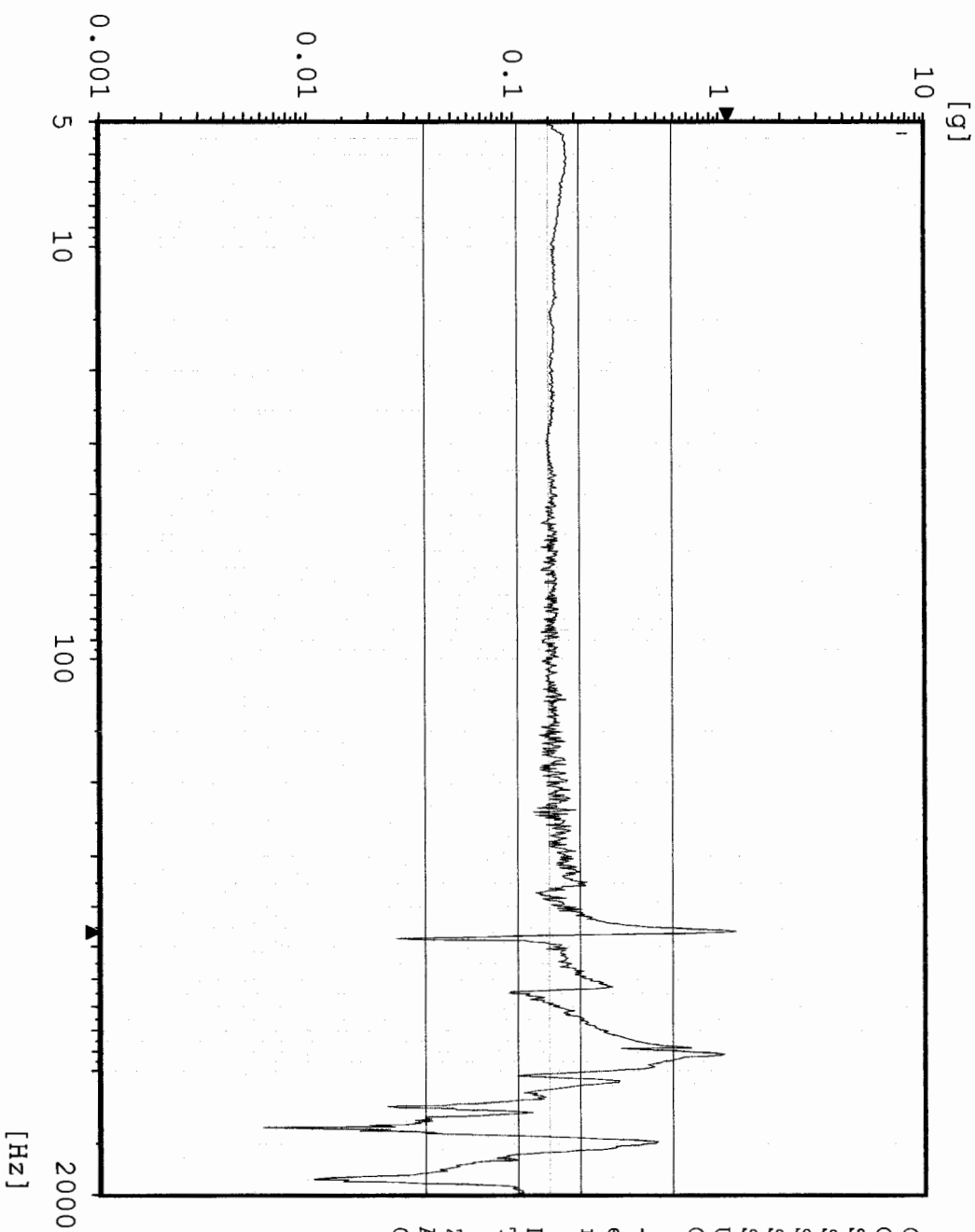
Z - axis Pre Random  
 Acceptance Unit  
 GLAT 1848

# Sine AZ1 TPS Edge Center

Stanford Linear Accelerator

J/N 49995.52115

TEM / TPS



Chan.no: 6 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: 07-28-05  
 Time: 13:46:09

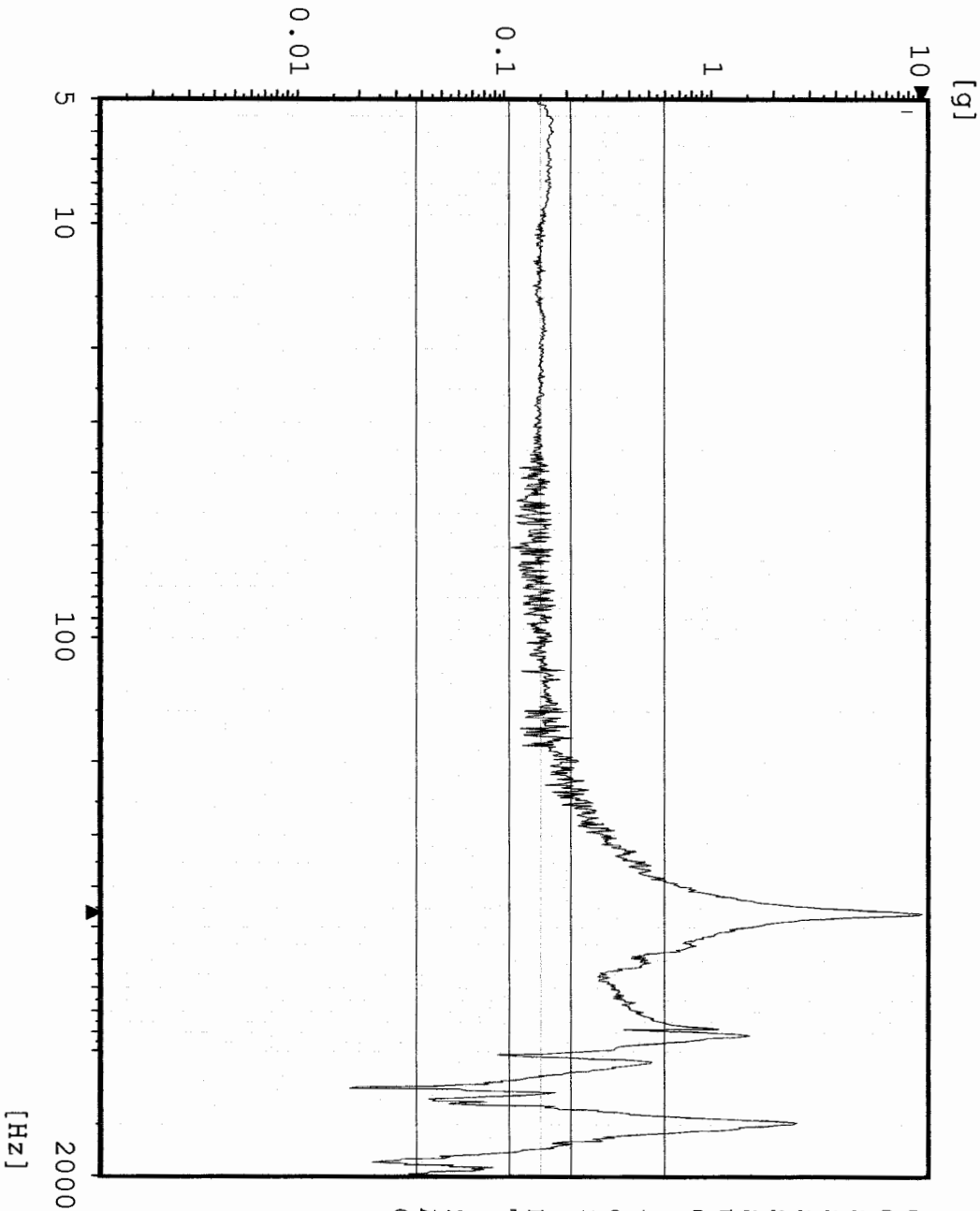
Z - axis Pre Random  
 Acceptance Unit  
 GIAT 1848



Max: 462.5 Hz 10.5 g

# A26 TEM Bottom Center

Sine  
Stanford Linear Accelerator  
J/N 49995.52115  
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: 07-28-05  
Time: 13:46:09

Z - axis Pre Random  
Acceptance Unit  
GLAT 1848

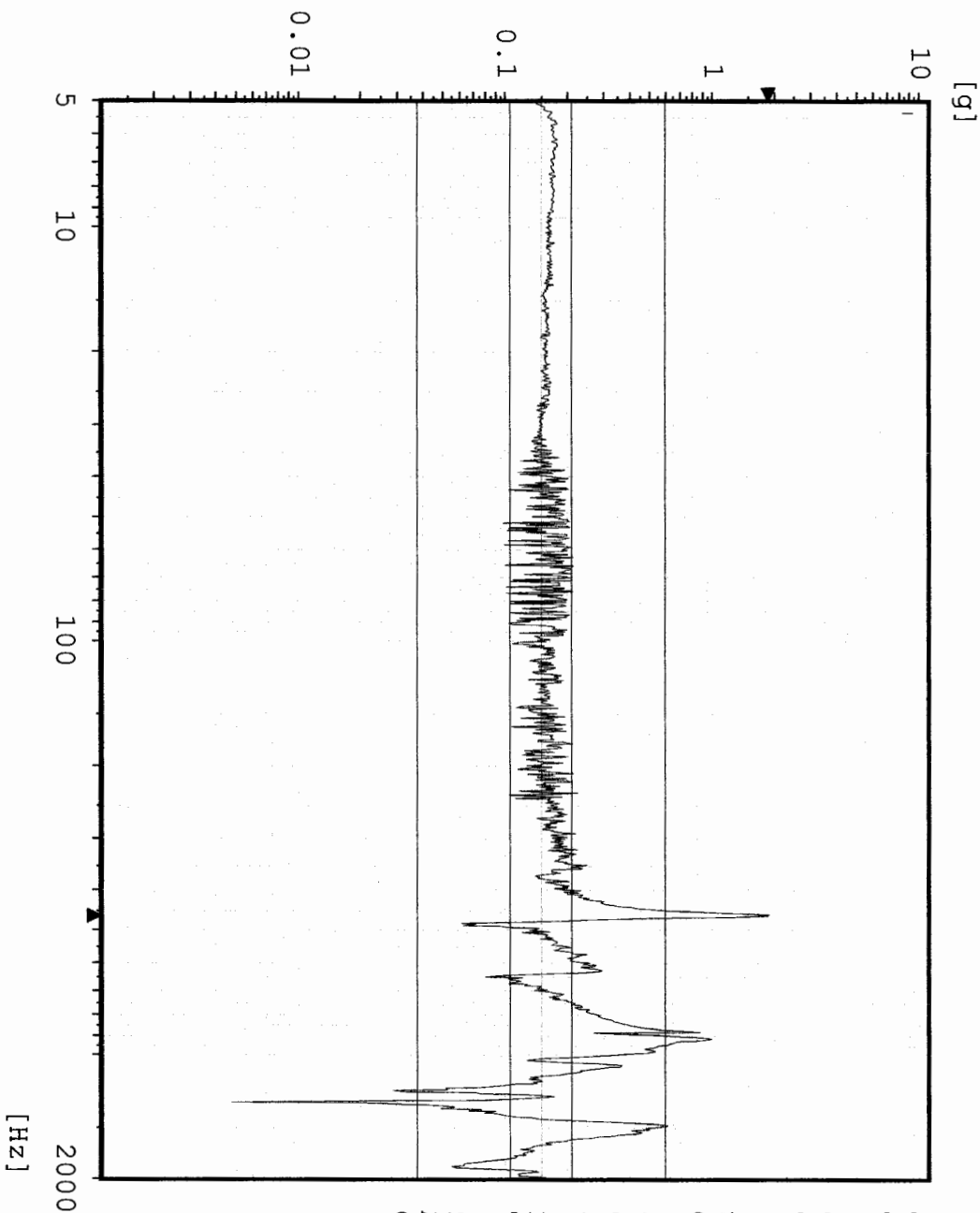
Sine

### AZ2 TPS Corner

Stanford Linear Accelerator

J/N 49995.52115

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: 07-28-05  
Time: 13:46:09

Z - axis Pre Random  
Acceptance Unit  
GLAT 1848

Random

# CZ1 Z-Axis Control

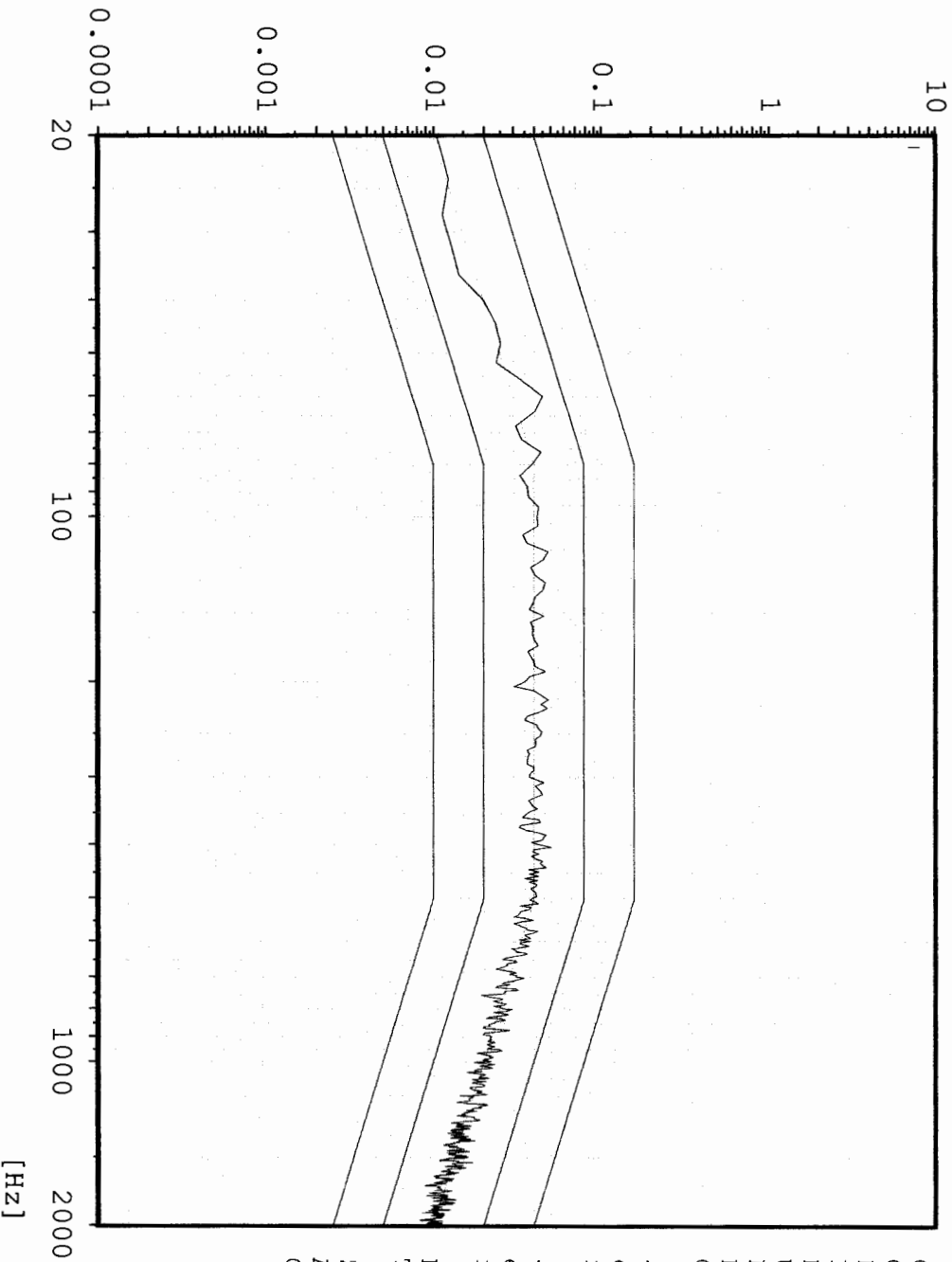
Stanford Linear Accelerator

J/N 49995.52115

TEM & TPS



[g<sup>2</sup>/Hz]



```

Chan.no:      1
Chan.type:    C
DOF:          144
Level:        0.0 dB
Resolution:   4 Hz
Unit:         g2/Hz
RMS (act.):   6.808 g
RMS (req.):   6.787 g
Contr.strat.: Closed loop

```

```

-- Time on act. level --
elapsed:      000:01:02
remaining:    000:00:-2

```

```

-- Time total --
elapsed:      000:02:57
remaining:    000:00:-2

```

```

Date:         07-28-05
Time:         14:00:31

```

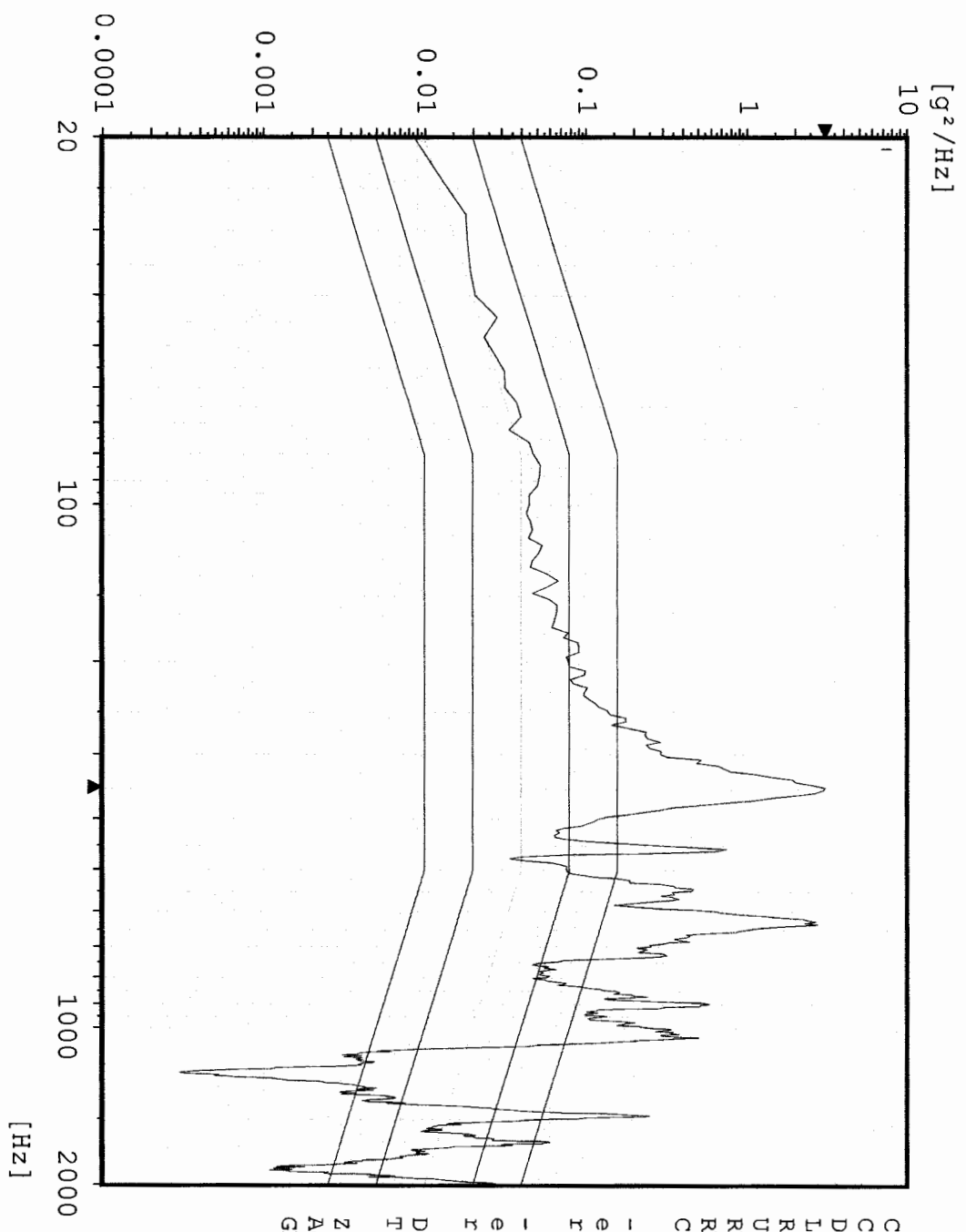
```

Z - Axis
Acceptance Unit
GLAT 1848

```

Random  
Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS

### AZ4 TPS Boss 2



Chan.no: 2  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 19.51 g  
 RMS (req.): 6.787 g  
 Contr.strat.: Closed Loop

-- Time on act. level --  
 elapsed: 000:01:02  
 remaining: 000:00:-2

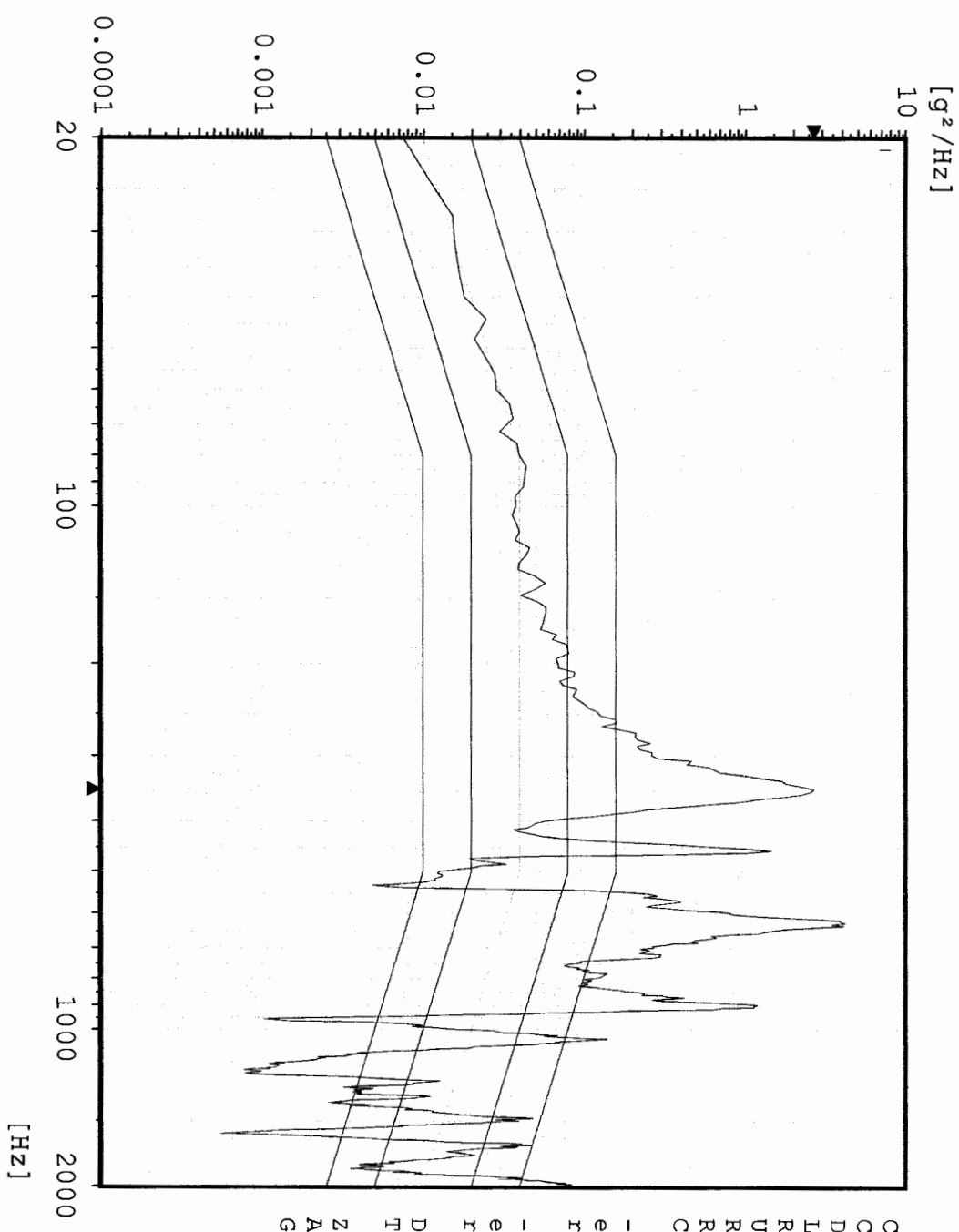
-- Time total --  
 elapsed: 000:02:57  
 remaining: 000:00:-2

Date: 07-28-05  
 Time: 14:00:31

Z - Axis  
 Acceptance Unit  
 GIAT 1848

Random  
Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS

### AZ3 TPS Boss 1



Chan.no: 3  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit:  $g^2/Hz$   
 RMS (act.): 20.18 g  
 RMS (req.): 6.787 g  
 Contr.strat.: Closed loop

-- Time on act. level --  
 elapsed: 000:01:02  
 remaining: 000:00:-2

-- Time total --  
 elapsed: 000:02:57  
 remaining: 000:00:-2

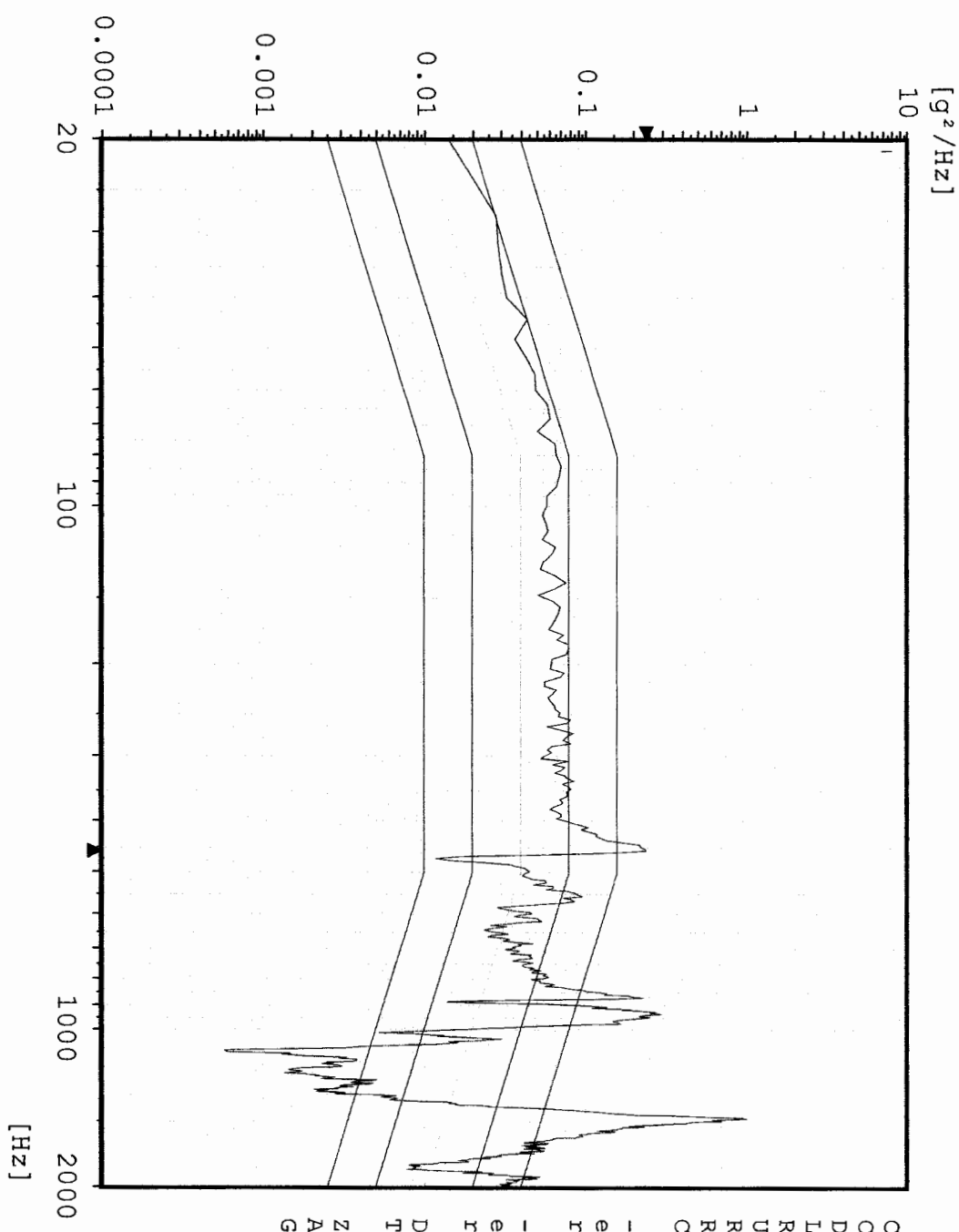
Date: 07-28-05  
 Time: 14:00:31

Z - Axis  
 Acceptance Unit  
 GLAT 1848

Cursor: 456 Hz 0.2405 g<sup>2</sup>/Hz

# AZ5 TEM Bottom Edge

Random  
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: g<sup>2</sup>/Hz  
 RMS (act.): 11.97 g  
 RMS (req.): 6.787 g  
 Contr.strat.: Closed loop

-- Time on act. level --  
 elapsed: 000:01:02  
 remaining: 000:00:-2

-- Time total --  
 elapsed: 000:02:57  
 remaining: 000:00:-2

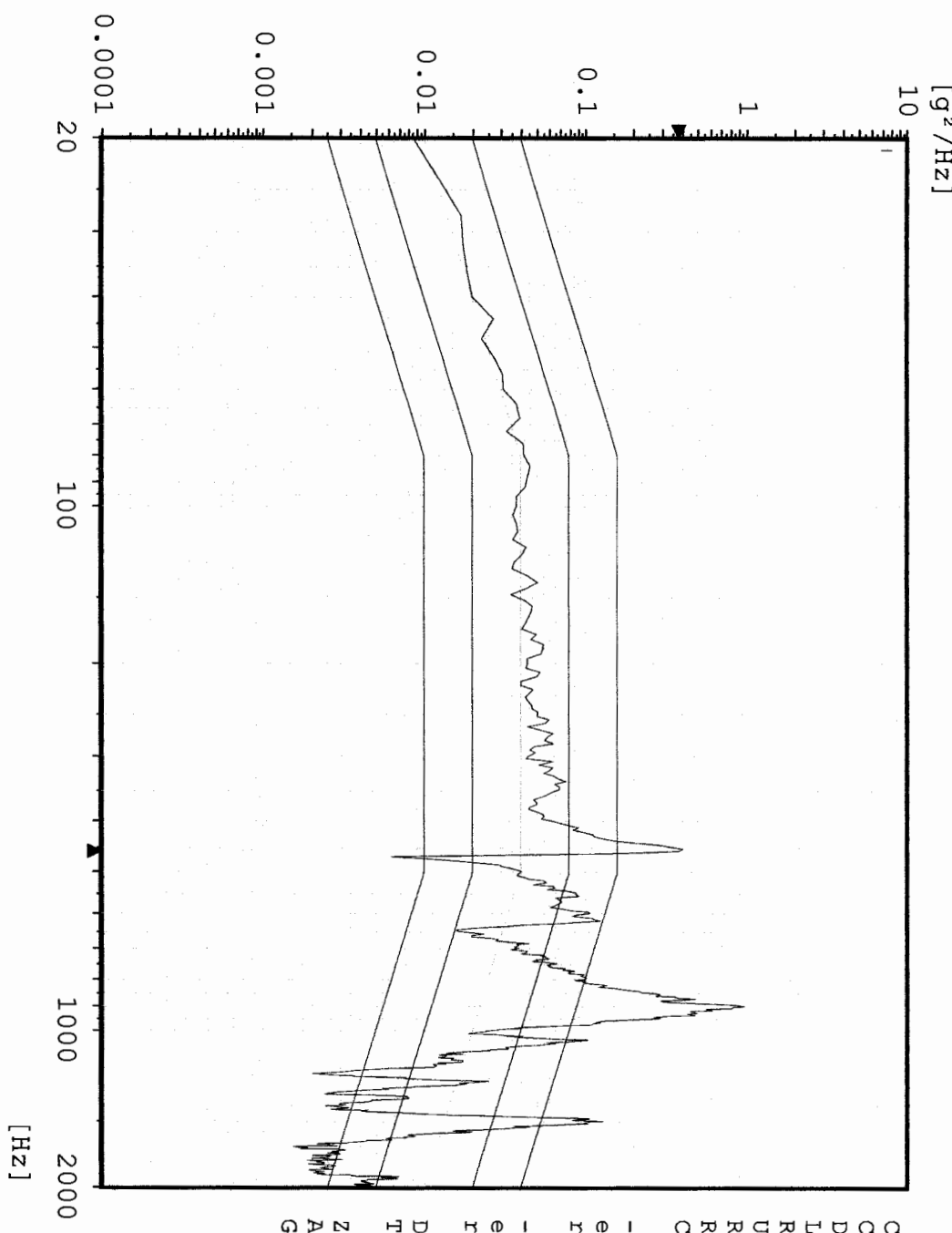
Date: 07-28-05  
 Time: 14:00:31

Z - Axis  
 Acceptance Unit  
 GLAT 1848

Cursor: 456 Hz 0.3812 g<sup>2</sup>/Hz

# Random AZ1 TPS Edge Center

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



Chan.no: 6  
Chan.type: M  
DOF: 100  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 11.14 g  
RMS (req.): 6.787 g  
Contr.strat.: Closed loop

-- Time on act. level --  
elapsed: 000:01:02  
remaining: 000:00:-2

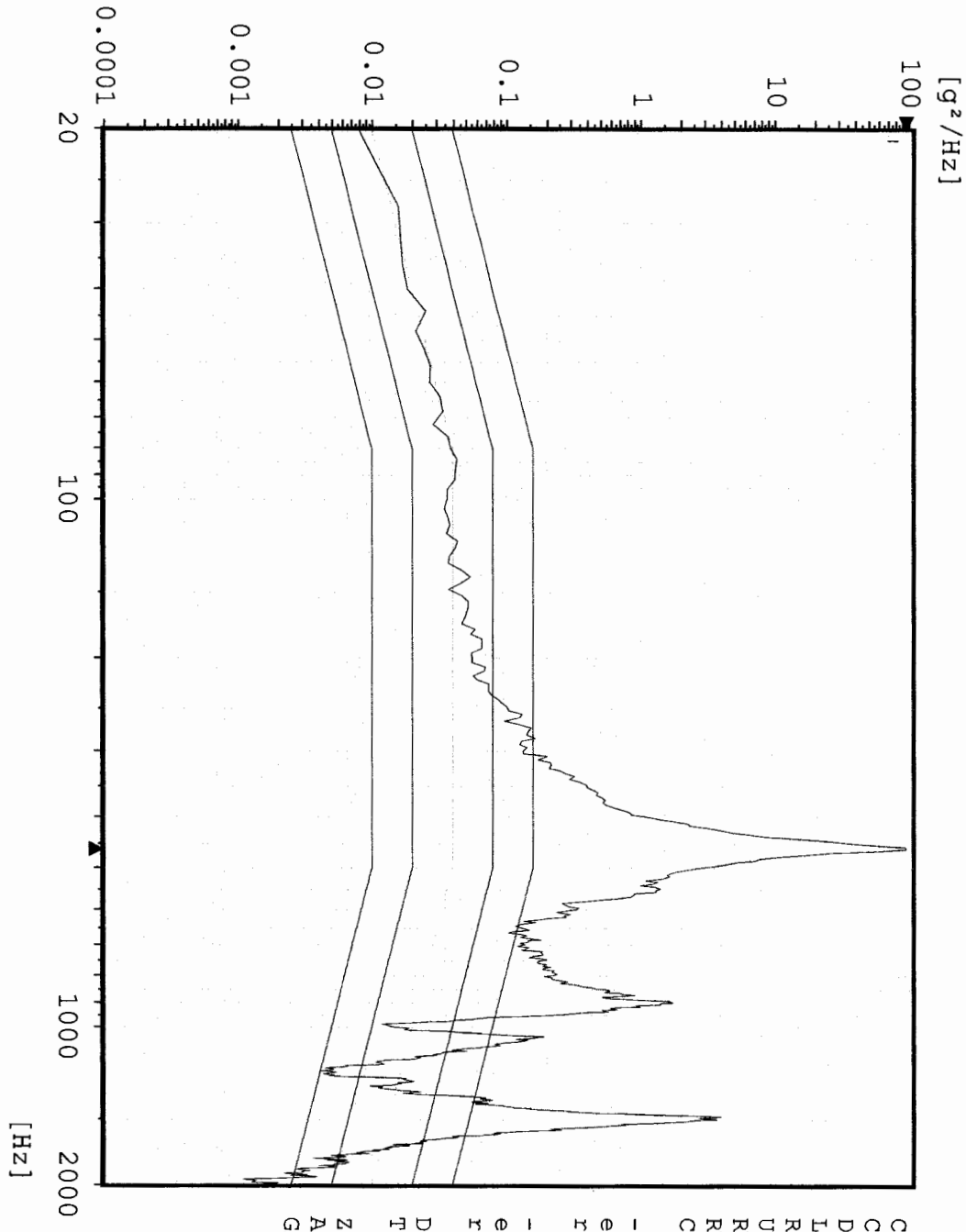
-- Time total --  
elapsed: 000:02:57  
remaining: 000:00:-2

Date: 07-28-05  
Time: 14:00:31

Z - Axis  
Acceptance Unit  
GLAT 1848

# Random AZ6 TEM Bottom Center

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



Chan.no: 8  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 50.18 g  
 RMS (req.): 6.787 g  
 Contr.strat.: Closed loop

-- Time on act. level --  
 elapsed: 000:01:02  
 remaining: 000:00:-2

-- Time total --  
 elapsed: 000:02:57  
 remaining: 000:00:-2

Date: 07-28-05  
 Time: 14:00:31

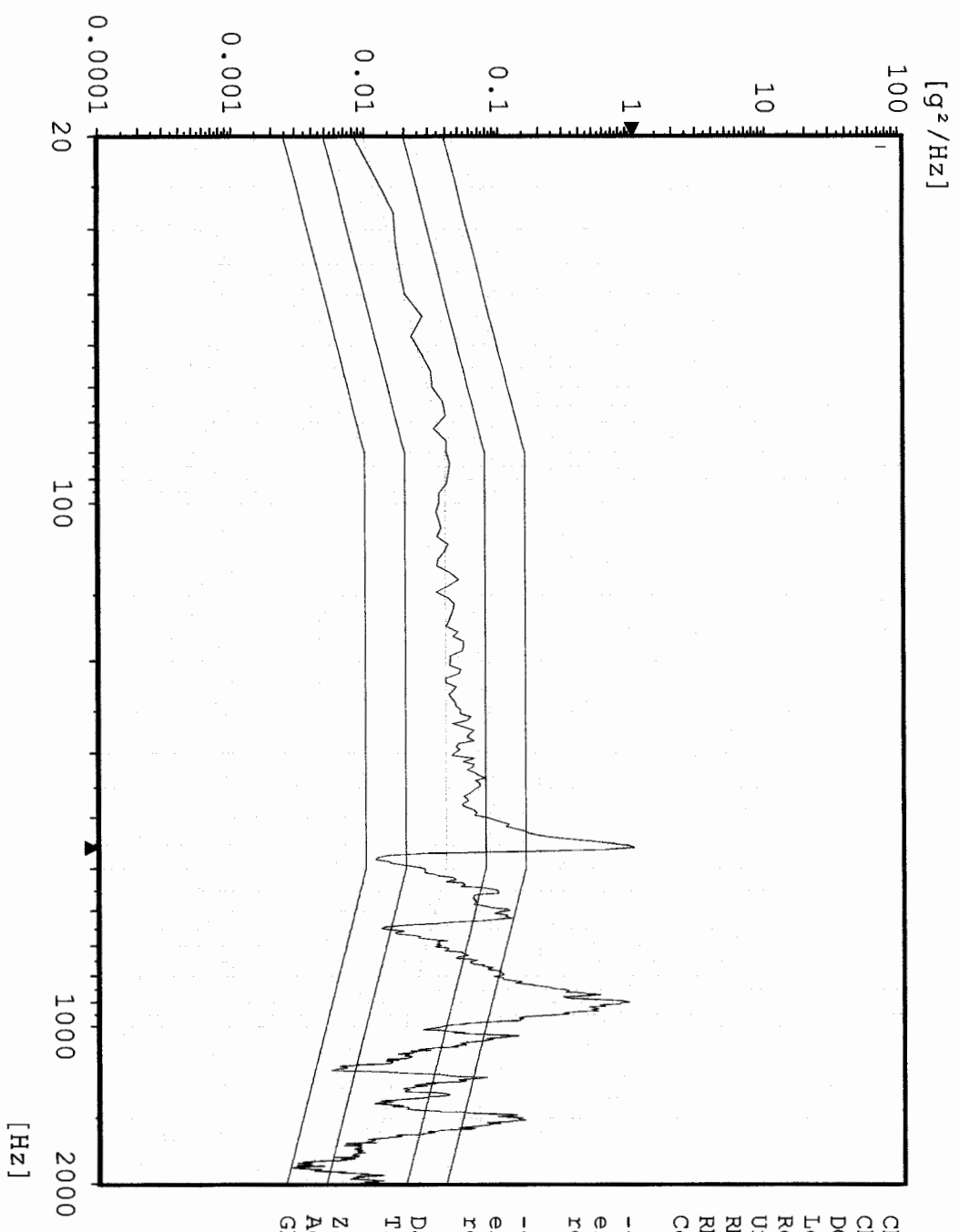
Z - Axis  
 Acceptance Unit  
 GLAT 1848



Max: 456 Hz 1.042 g<sup>2</sup>/Hz

# Random A22 TPS Corner

Stanford Linear Accelerator  
J/N 49995.52115  
TEM & TPS



Chan.no: 10  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 12.46 g  
 RMS (req.): 6.787 g  
 Contr.strat.: Closed loop

-- Time on act. level --  
 elapsed: 000:01:02  
 remaining: 000:00:-2

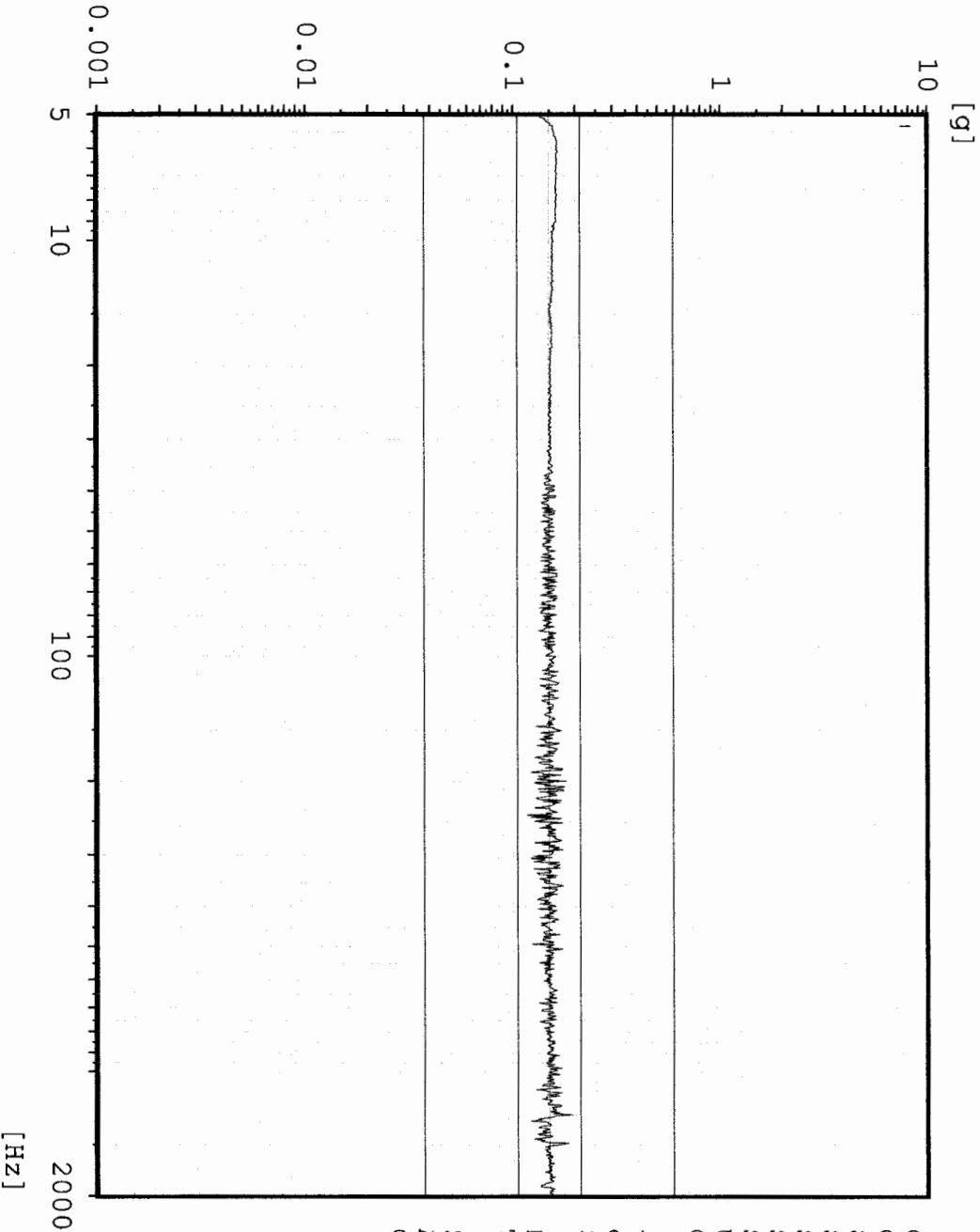
-- Time total --  
 elapsed: 000:02:57  
 remaining: 000:00:-2

Date: 07-28-05  
 Time: 14:00:31

Z - Axis  
 Acceptance Unit  
 GIAT 1848

# Sine CZ1 Z-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: 07-28-05  
Time: 14:13:38

Z - axis Post Random  
Acceptance Unit  
GIAT 1848

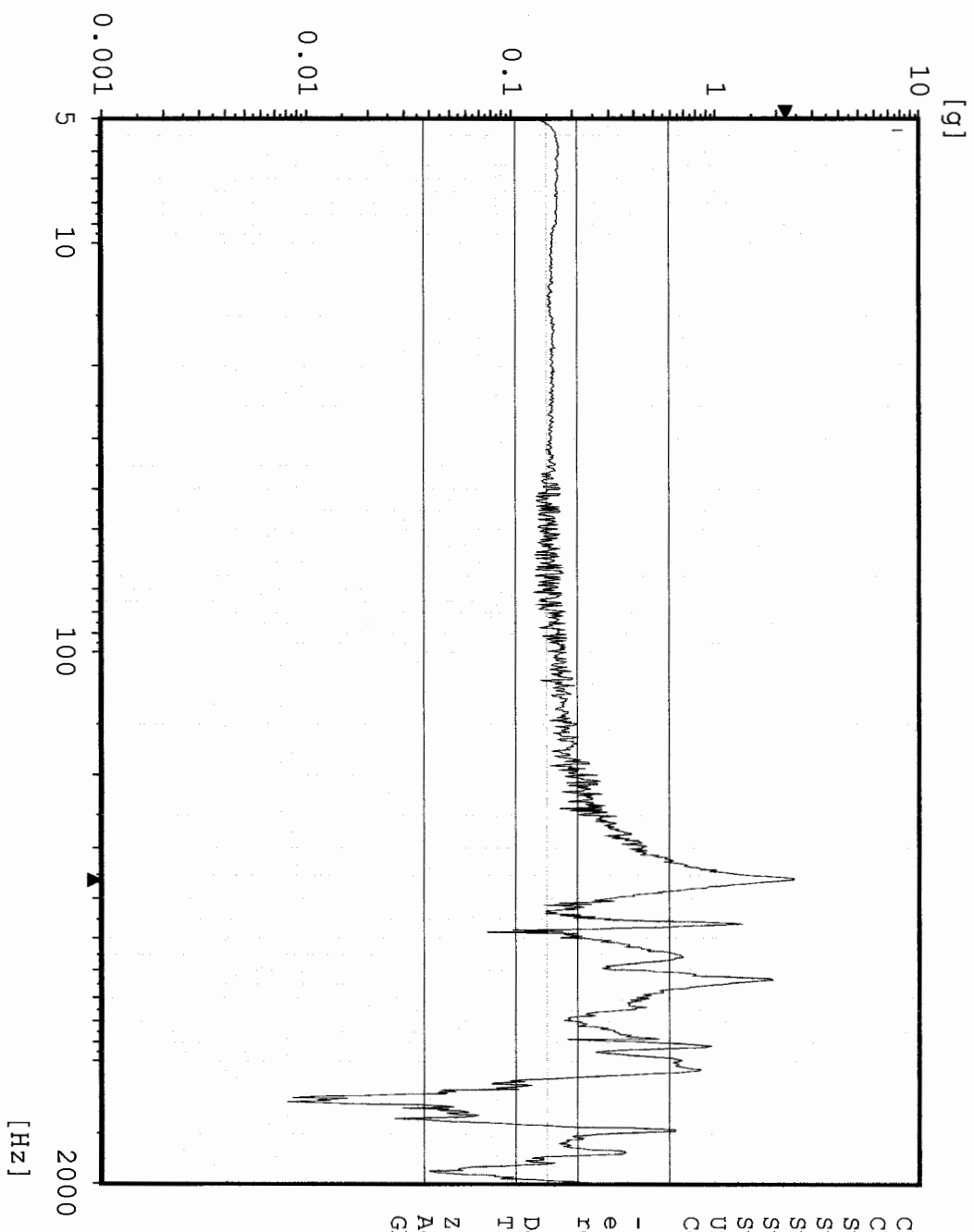
Sine

### AZ4 TPS Boss 2

Stanford Linear Accelerator

J/N 49995.52115

TEM / TPS



[g]

[Hz]

```

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: 07-28-05
Time: 14:13:38

Z - axis Post Random
Acceptance Unit
GLAT 1848

```

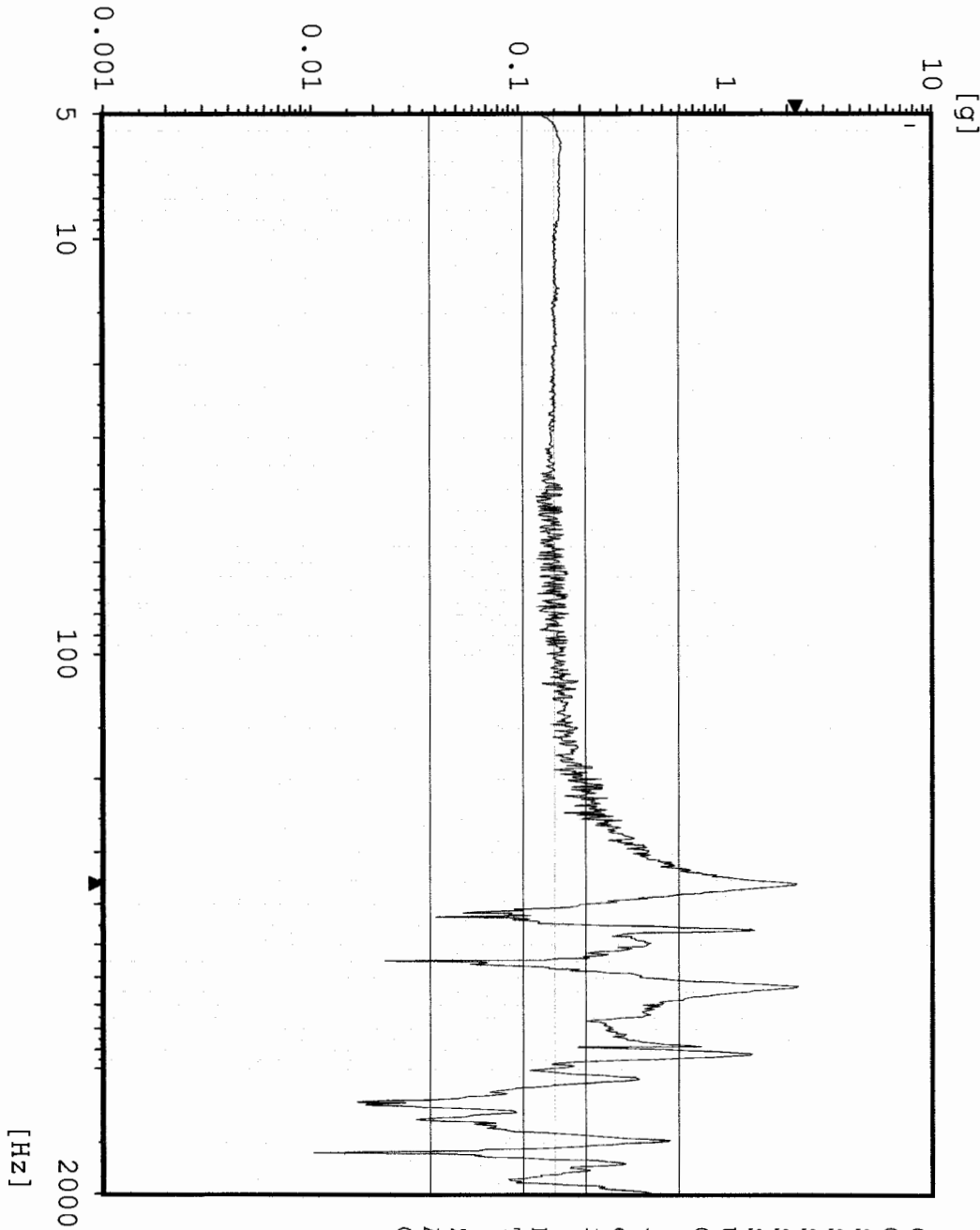
Sine

AZ3 TPS Boss 1

Stanford Linear Accelerator

J/N 49995.52115

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: 07-28-05

Time: 14:13:38

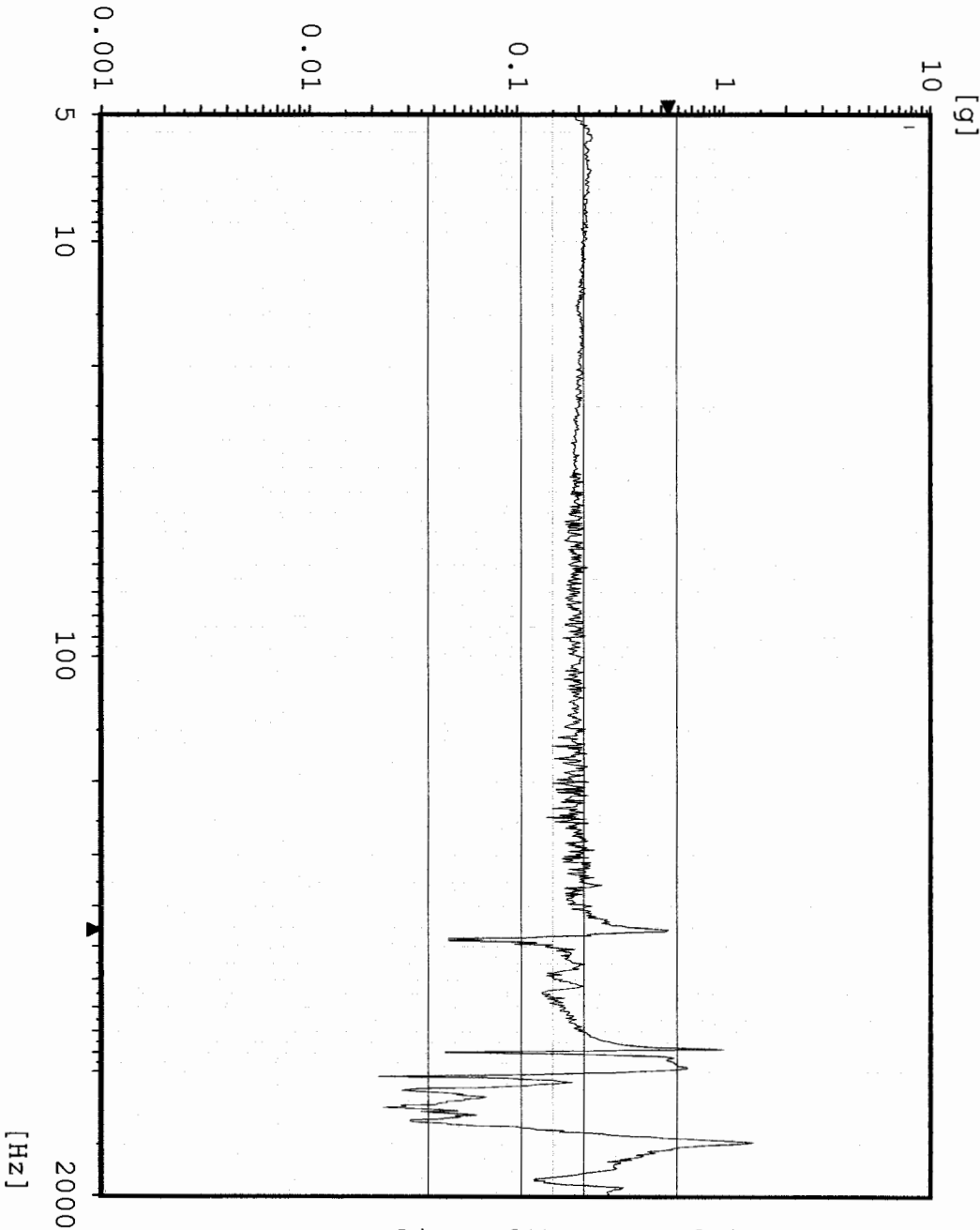
Z - axis Post Random

Acceptance Unit

GIAT 1848

# Sine AZ5 TEM Bottom Edge

Stanford Linear Accelerator  
J/N 49995.52115  
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

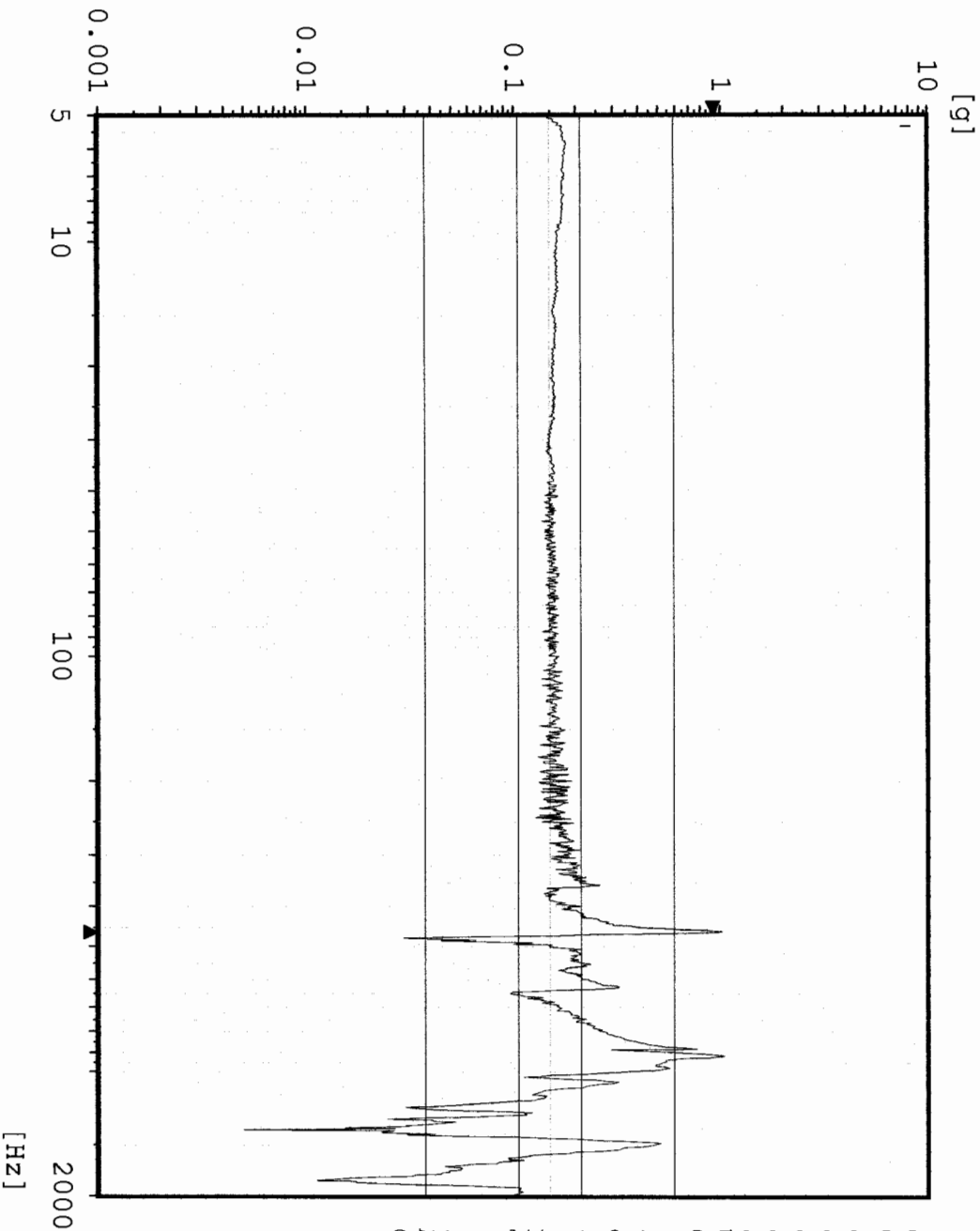
Date: 07-28-05
Time: 14:13:38

Z - axis Post Random
Acceptance Unit
GLAT 1848

```

# Sine AZ1 TPS Edge Center

Stanford Linear Accelerator  
J/N 49995.52115  
TEM / TPS



Chan.no: 6 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

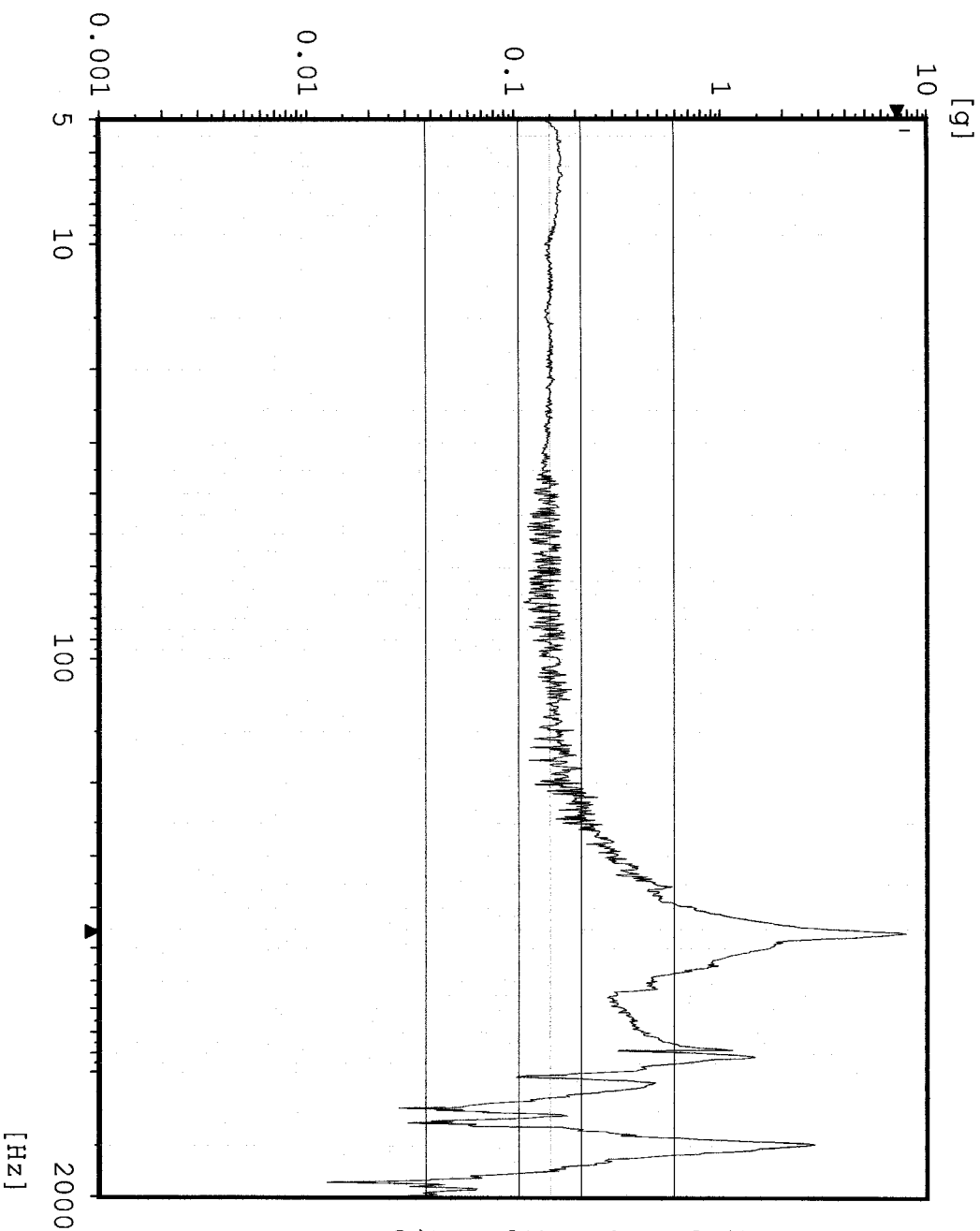
-- Testing time --  
elapsed: 000:04:18  
remaining: 000:00:00

Date: 07-28-05  
Time: 14:13:38

Z - axis Post Random  
Acceptance Unit  
GIAT 1848

# Sine AZ6 TEM Bottom Center

Stanford Linear Accelerator  
J/N 49995.52115  
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: 07-28-05  
Time: 14:13:38

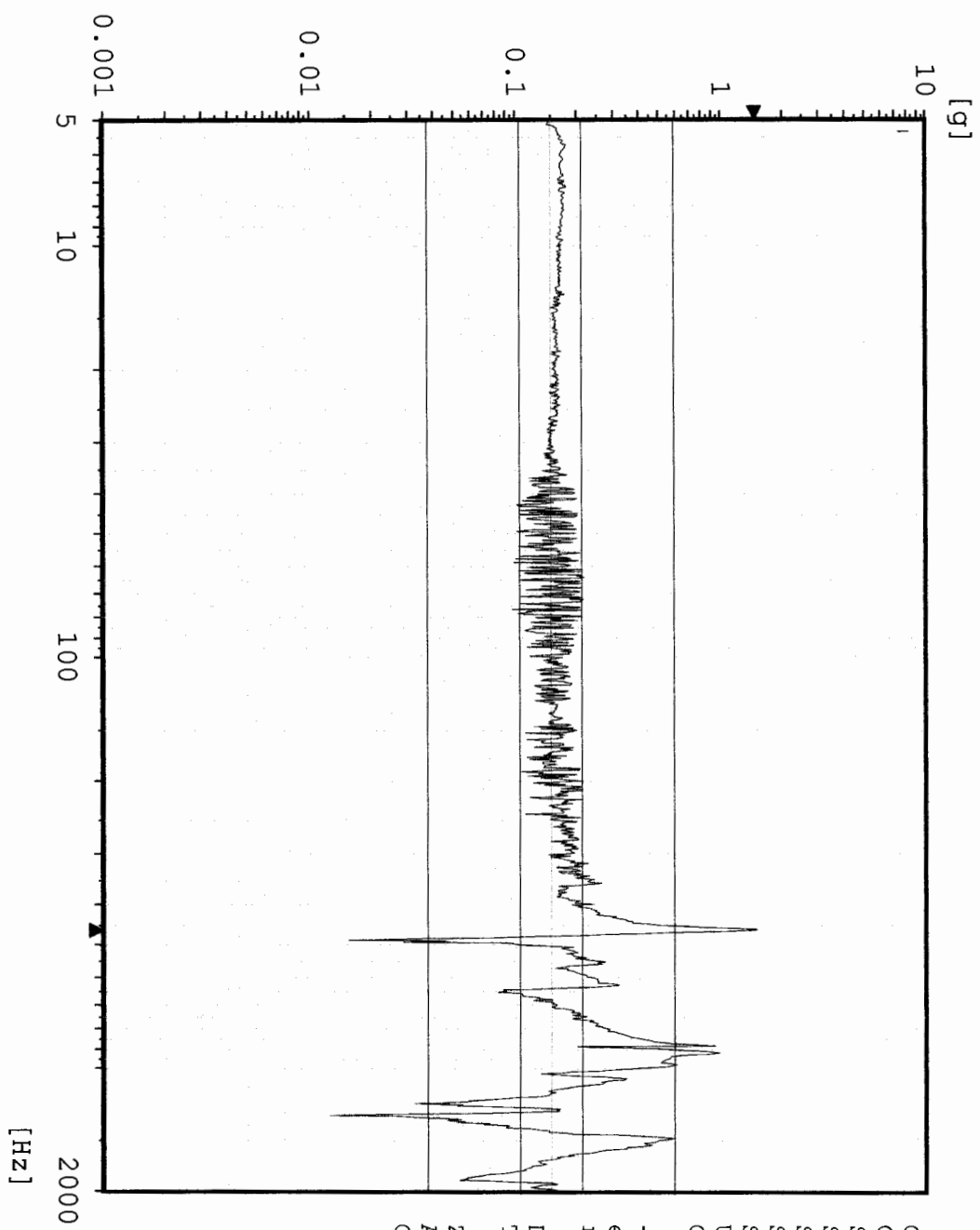
Z - axis Post Random  
Acceptance Unit  
GIAT 1848

# Sine AZ2 TPS Corner

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: 07-28-05
Time: 14:13:38

Z - axis Post Random
Acceptance Unit
GLAT 1848
  
```