



# SHIPPING MEMORANDUM

NUMBER  
128260

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O

STANFORD LINEAR ACCELERATOR CENTER  
2575 SAND HILL ROAD  
MENLO PARK, CALIFORNIA 94025

ATTN: DAVID TARKINGTON

DATE	1/27/05
VIA	U.S. MAIL
SHIP FROM	5452 Betsy Ross Drive Santa Clara, CA 95054-1101 (408) 764-5500

CUSTOMER ORDER NO. SLAC-000054714	JOB NUMBER 49995.51758	PARTIAL <input type="checkbox"/> COMPLETE <input checked="" type="checkbox"/>	OUR P.O. NO.
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ITEM NO.	QUANTITY	DESCRIPTION
1	1 SET	<p>ORIGINAL TEST DATA ON AS FOLLOWS:</p> <p>3 EACH TEM &amp; TPS (SEE INITIAL VISUAL)</p> <p>POST RANDOM VIBRATION TESTING PER SLAC LAT-TD-05649 AND CUSTOMER INSTRUCTION</p>

### CERTIFICATE OF CONFORMANCE

This is to certify that test data and/or certifications providing conformance to purchase order number       N/A        
are on file and available for examination at WYLE LABORATORIES, under Job Number       N/A      

Quality Assurance Signature \_\_\_\_\_

<b>SHIPMENT AUTHORIZED BY:</b>	
NAME	JACK O. EAGAN


RECEIVED BY	Mail	DATE	2/8/05
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**TEST DATA**

<b>DATE STARTED</b> 01-24-05		<b>CUSTOMER</b> Stanford Linear Accelerator			<b>TECHNICIAN (SIGNATURE)</b> <i>W. L. ...</i> WSC T-21	
<b>DATE COMPLETED</b> 01-25-05		<b>SPECIMEN DESCRIPTION</b> TEM & TPS			<b>ENGINEER (SIGNATURE)</b> <i>J. O. ...</i>	
<b>TEMPERATURE</b> 73°F		<b>TYPE OF TEST</b> VISUAL EXAMINATION - Initial			<b>ENGINEER</b> <i>Doc Egan</i> WSC E-03	
<b>HUMIDITY</b> 45% R.H.		<b>MANUFACTURER</b> Stanford Linear Accelerator			<b>JOB NUMBER</b> 49995.51758	
<b>SPECIMEN NUMBER</b> 1 - 3		<b>TEST SPECIFICATION</b> SOP 6-08, REV. L				
SPECIMEN NUMBER	SERIAL NUMBER	PART OR MODEL NUMBER	LOT NUMBER	DATE CODE	REMARKS	
1	GLAT1754	-	-	-		
2	GLAT1753	-	-	-		
3	GLAT1752	-	-	-		
					Note: No discrepancies noted.	

## TEST DATA

DATE STARTED 01-24-05	CUSTOMER Stanford Linear Accelerator	TECHNICIAN (SIGNATURE) <i>[Signature]</i> T-21
DATE COMPLETED 01-25-05	SPECIMEN DESCRIPTION TEM & TPS { See Initial Visual }	ENGINEER (SIGNATURE) <i>[Signature]</i>
TEMPERATURE 73°F	TYPE OF TEST <b>SET-UP</b> - Detail	ENGINEER <i>[Signature]</i>
HUMIDITY 45%R.H.	MANUFACTURER Stanford Linear Accelerator	JOB NUMBER 49995.51758
SPECIMEN NUMBER 1	TEST SPECIFICATION See Vibration Data	
		
	<b>Z - Axis</b>	



## TEST DATA

DATE STARTED 01-24-05		CUSTOMER Stanford Linear Accelerator			TECHNICIAN (SIGNATURE) <i>D. Wiltshire</i> WSC 1-21	
DATE COMPLETED 01-25-05		SPECIMEN DESCRIPTION TEM / TPS { See Initial Visual }			ENGINEER (SIGNATURE) <i>J. O. Logan</i> WSC E-03	
TEMPERATURE 73°F		TYPE OF TEST <b>VIBRATION</b> - Sine and Random – Non-Op.			ENGINEER <i>Mark Gogala</i>	
HUMIDITY 45% R.H.		MANUFACTURER Stanford Linear Accelerator			JOB NUMBER 49995.51758	
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	01-24-05	Z	1448	+0:03:19	Sine - Search 20 - 2000Hz @ 0.15g 2 octaves / minute 1 sweep up / axis  Random - Qual. 20Hz @ 0.01 G <sup>2</sup> /Hz 80Hz @ 0.04 G <sup>2</sup> /Hz 150 - 220Hz @ 0.076 G <sup>2</sup> /Hz 260 - 500Hz @ 0.04 G <sup>2</sup> /Hz 2000Hz @ 0.01 G <sup>2</sup> /Hz 7.1 Grms overall 2 minutes / 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
		Z	1547	+0:02:01		Random Qual.
	01-24-05	Z	1605	+0:03:19		Sine Search
	01-25-05	X	0921	+0:03:19		Sine Search
		X	0938	+0:02:01		Random Qual.
		X	0948	+0:03:19		Sine Search
		Y	1008	+0:03:19		Sine Search
		Y	1020	+0:02:01		Random Qual.
		Y	1029	+0:03:19		Sine Search;repeat,screws loose
1		Y	1041	+0:03:19		Sine Search
2		X	1250	+0:02:09	Sine Search;Change to 4 oct./min.	
		X	1414	+0:01:00	Random Accept.	
2	01-25-05	X	1428	+0:02:09	Sine Search	



## TEST DATA

<b>DATE STARTED</b> 01-24-05		<b>CUSTOMER</b> Stanford Linear Accelerator			<b>TECHNICIAN (SIGNATURE)</b> <i>D. Wiltshire</i> WSC T-21	
<b>DATE COMPLETED</b> 01-25-05		<b>SPECIMEN DESCRIPTION</b> TEM / TPS { See Initial Visual }			<b>ENGINEER (SIGNATURE)</b> <i>J. C. Egan</i> WSC E-43	
<b>TEMPERATURE</b> 73°F		<b>TYPE OF TEST</b> <b>VIBRATION - Sine and Random - Non-Op.</b>			<b>ENGINEER</b> <i>Patrick Egan</i>	
<b>HUMIDITY</b> 45% R.H.		<b>MANUFACTURER</b> Stanford Linear Accelerator			<b>JOB NUMBER</b> 49995.51758	
<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
2	01-25-05	Y	1452	+0:02:09	Sine - Search 20 - 2000Hz @ 0.15g 4 octaves / minute 1 sweep up / axis	Sine Search
		Y	1506	+0:01:00		Random Accept.
2		Y	1511	+0:02:09	Random - Qual. 20Hz @ 0.01 G <sup>2</sup> /Hz 80Hz @ 0.04 G <sup>2</sup> /Hz 150 - 220Hz @ 0.076 G <sup>2</sup> /Hz 260 - 500Hz @ 0.04 G <sup>2</sup> /Hz 2000Hz @ 0.01 G <sup>2</sup> /Hz 7.1 Grms overall 2 minutes / axis	Sine Search
3		X	1531	+0:02:09		Sine Search
		X	1541	+0:01:00		Random Accept.
		X	1547	+0:02:09		Sine Search
		Y	1605	+0:02:09		Sine Search
		Y	1619	+0:01:00		Random Accept.
		Y	1625	+0:02:09		Sine Search
		Z	1727	+0:02:09		Sine Search
		Z	1749	+0:01:01		Random Accept.
3		Z	1757	+0:02:09		Sine Search
2	01-25-05	Z	1819	+0:02:09	6.79 Grms overall 1 minute / axis	Sine Search



## TEST DATA

<b>DATE STARTED</b> 01-24-05		<b>CUSTOMER</b> Stanford Linear Accelerator			<b>TECHNICIAN (SIGNATURE)</b> <i>J. Wiltshire</i> <span style="border: 1px solid black; padding: 2px;">WSC T-21</span>	
<b>DATE COMPLETED</b> 01-25-05		<b>SPECIMEN DESCRIPTION</b> TEM / TPS { See Initial Visual }			<b>ENGINEER (SIGNATURE)</b> <i>Jack Egan</i> <span style="border: 1px solid black; padding: 2px;">WSC E-08</span>	
<b>TEMPERATURE</b> 73°F		<b>TYPE OF TEST</b> <b>VIBRATION - Sine and Random - Non-Op.</b>			<b>ENGINEER</b> <i>Jack Egan</i>	
<b>HUMIDITY</b> 45% R.H.		<b>MANUFACTURER</b> Stanford Linear Accelerator			<b>JOB NUMBER</b> 49995.51758	
<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
2	01-25-05	Z	1828	+0:01:00	Sine - Search 20 - 2000Hz @ 0.15g 4 octaves / minute 1 sweep up / axis	Random Accept.
2	01-25-05	Z	1836	+0:02:09		Sine Search
					Random - Qual. 20Hz @ 0.01 G <sup>2</sup> /Hz 80Hz @ 0.04 G <sup>2</sup> /Hz 150 - 220Hz @ 0.076 G <sup>2</sup> /Hz 260 - 500Hz @ 0.04 G <sup>2</sup> /Hz 2000Hz @ 0.01 G <sup>2</sup> /Hz 7.1 Grms overall 2 minutes / axis	Note: No external physical damage noted due to this test.
					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	



**EQUIPMENT LIST**

JOB NUMBER 49995.51758

TEST DESCRIPTION Random & Sine Vibration

EQUIPMENT DESCRIPTION	MANUFACTURER	MODEL NUMBER	ASSET NUMBER	RANGE	ACCURACY	CALIBRATION DATE	CALIBRATION PERIOD		
Vibration System	Unholtz-Dickie	T 1000	4-6242	17,500 Force Lbs: 2Hz - 3KHz	± 10%	01-24-05	T.O.T		
Accelerometer	Endevco Corp.	2271A	4-42129	1,000 g's Max: 2Hz - 5.5KHz	± 5%	11-01-04	1 Yr.		
		2271A	4-64073	1,000 g's Max: 2Hz - 5.5KHz	± 5%	08-25-04	1 Yr.		
		2226C	4-42130	1,000 g's Max: 3Hz - 6KHz	± 5%	05-25-04	1 Yr.		
		2226C	4-64096	1,000 g's Max: 3Hz - 6KHz	± 5%	03-16-04	1 Yr.		
		2220D	4-42122	1,000 g's Max: 2Hz - 10KHz	± 5%	05-25-04	1 Yr.		
		2220D	4-64442	1,000 g's Max: 2Hz - 10KHz	± 5%	08-26-04	1 Yr.		
		2220D	4-6491	1,000 g's Max: 2Hz - 10KHz	± 5%	05-25-04	1 Yr.		
		2226C	4-6555	1,000 g's Max: 3Hz - 6KHz	± 5%	06-18-04	1 Yr.		
		2222C	4-42143	1,000 g's Max: 5Hz - 8KHz	± 5%	11-01-04	1 Yr.		
		Charge Amp.	Unholtz-Dickie	D22-8	4-64029	Freq. Response: 5Hz - 5KHz	± 2%	11-08-04	6 Mo.
				D22-8	4-6540	Freq. Response: 5Hz - 5KHz	± 2%	08-24-04	6 Mo.
				D22-8	4-6461	Freq. Response: 5Hz - 5KHz	± 2%	08-10-04	6 Mo.
D22-8	4-6538			Freq. Response: 5Hz - 5KHz	± 2%	09-03-04	6 Mo.		
D22-8	4-6549			Freq. Response: 5Hz - 5KHz	± 2%	08-10-04	6 Mo.		
D22-8	4-6537			Freq. Response: 5Hz - 5KHz	± 2%	09-03-04	6 Mo.		
D22-8	4-6541			Freq. Response: 5Hz - 5KHz	± 2%	08-24-04	6 Mo.		
D22-8	4-64032			Freq. Response: 5Hz - 5KHz	± 2%	08-25-04	6 Mo.		
Digital Vibration Control System	M + P International / Agilent	VXI E8408A	4-62092	Freq. Range: 23KHz Sample Rate: 51.2KSa/sec. Dynamic Range: 90dB Voltage: 10V Pk Resolution: 20 Bit / 3200 lines Channels: 16; COLA: 1V Pk	± 1%	03-03-04	1 Yr.		

# Sine CX1 Control channel

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS

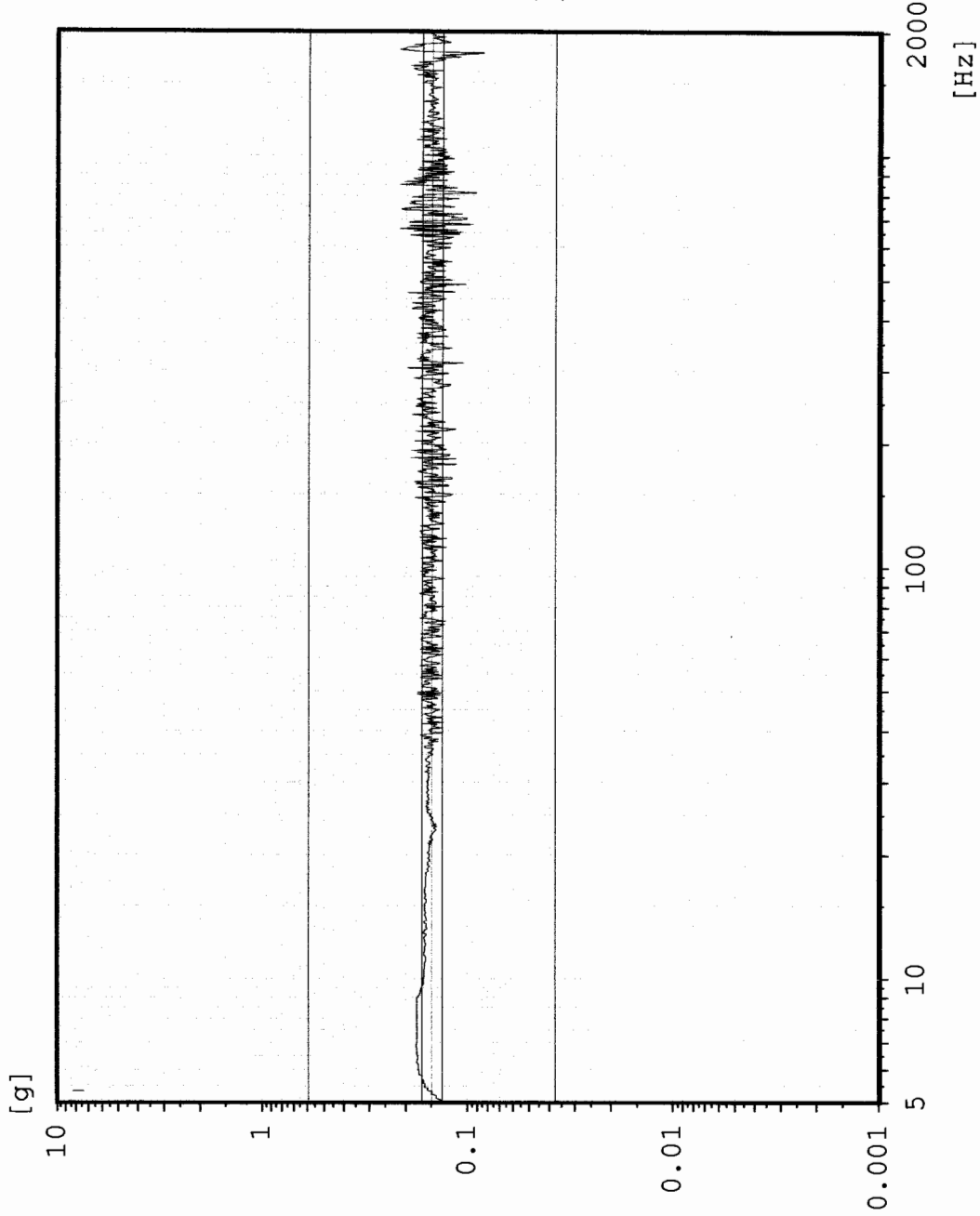


Chan.no: 1  
Chan.type: CW Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 15:33:51

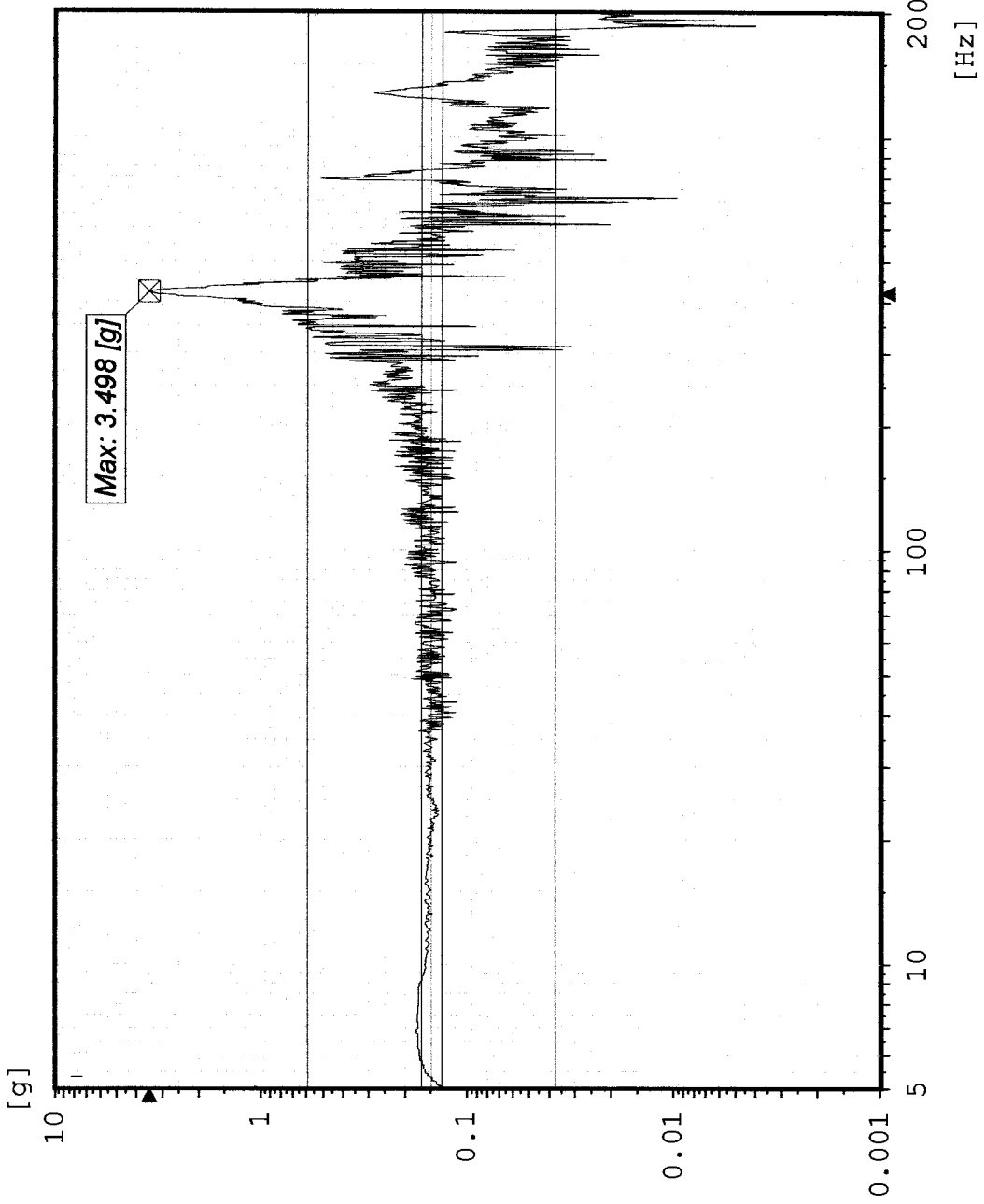
X - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752





# AX4 TPS Top edge

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 2  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 15:33:51

X - axis Pre-Random  
 Acceptance Unit 2  
 GLAT 1752

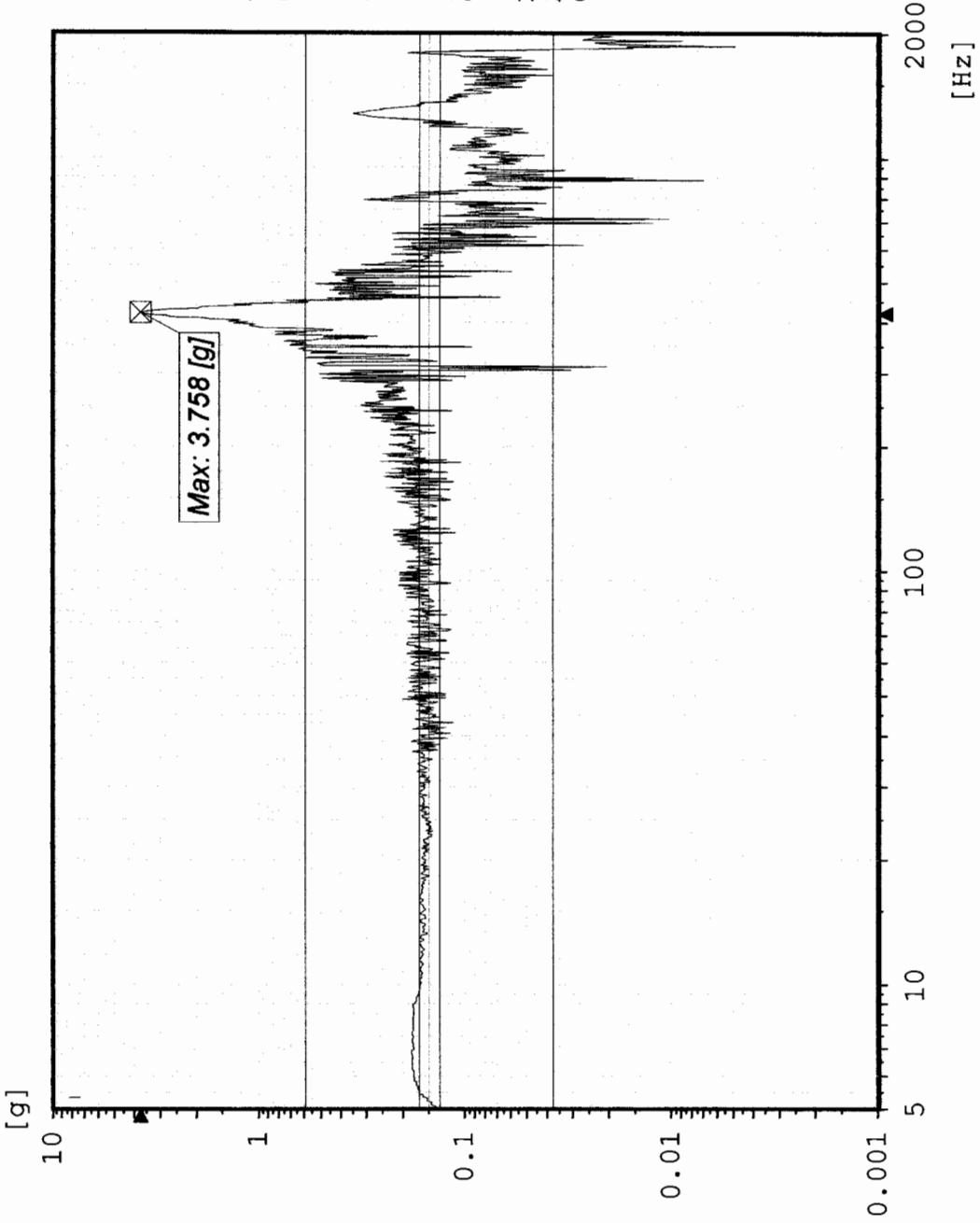
Max: 421.2 Hz 3.758 g

# Sine AX3 TPS Top center

Stanford Linear Accelerator

J/N 49995.51758

TEM / TPS



Chan.no: 3  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 15:33:51

X - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752

Max: 421.2 Hz 1.564 g

# Sine AX1 TEM Edge center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS

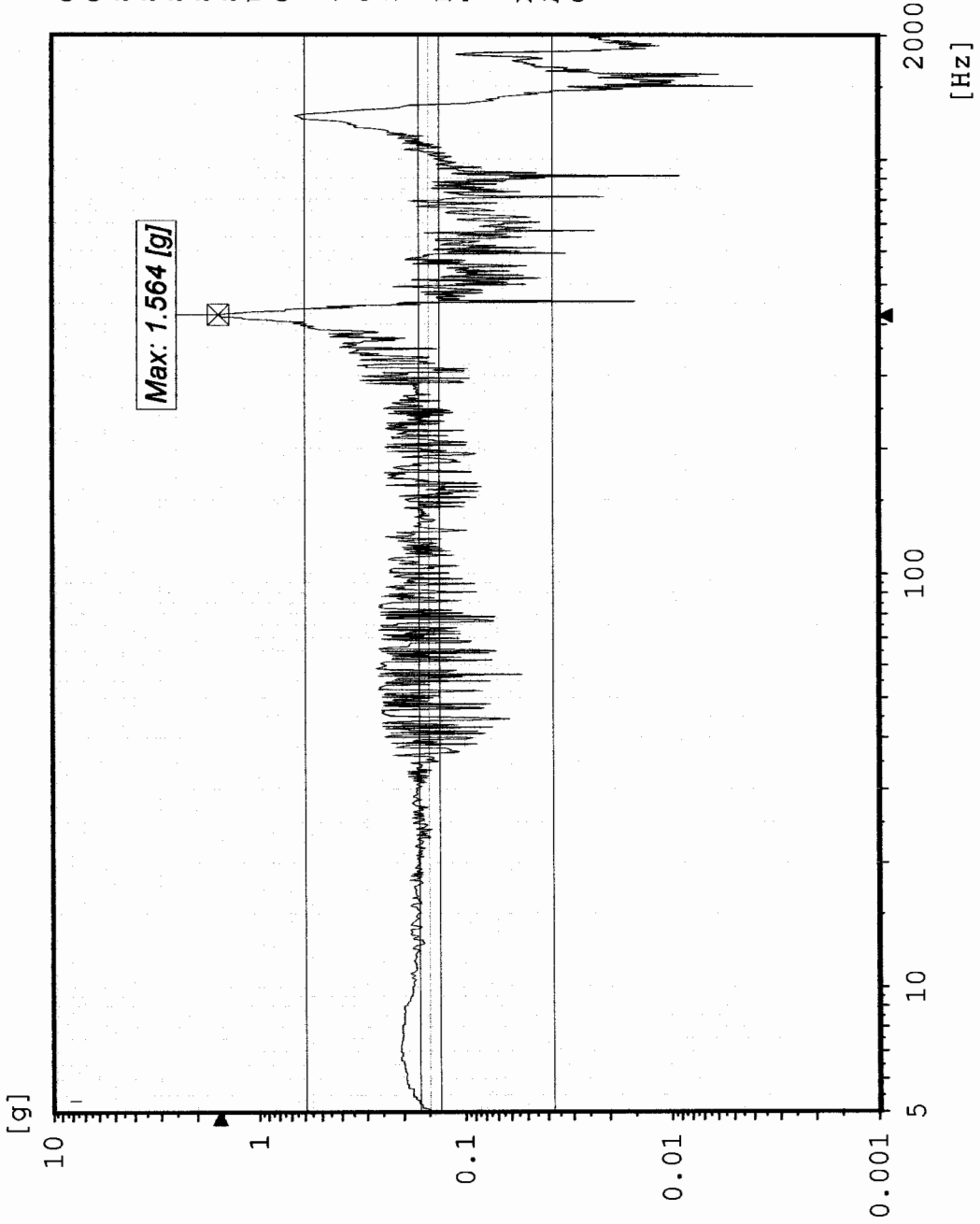


Chan.no: 7  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 15:33:51

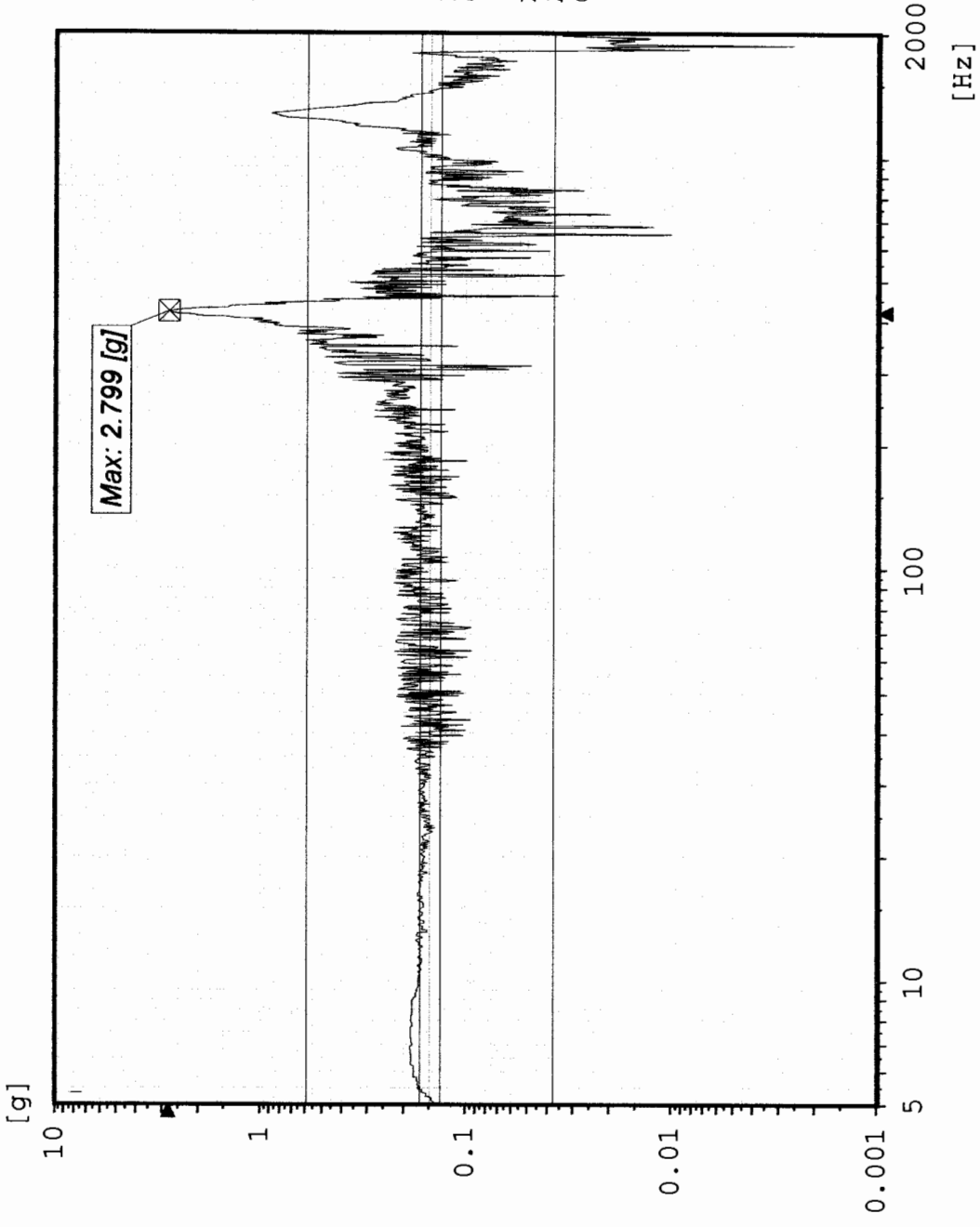
X - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752



Max: 421.2 Hz 2.799 g

# AX2 TPS CG

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 10  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 15:33:51

X - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752

# CX1 Control

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



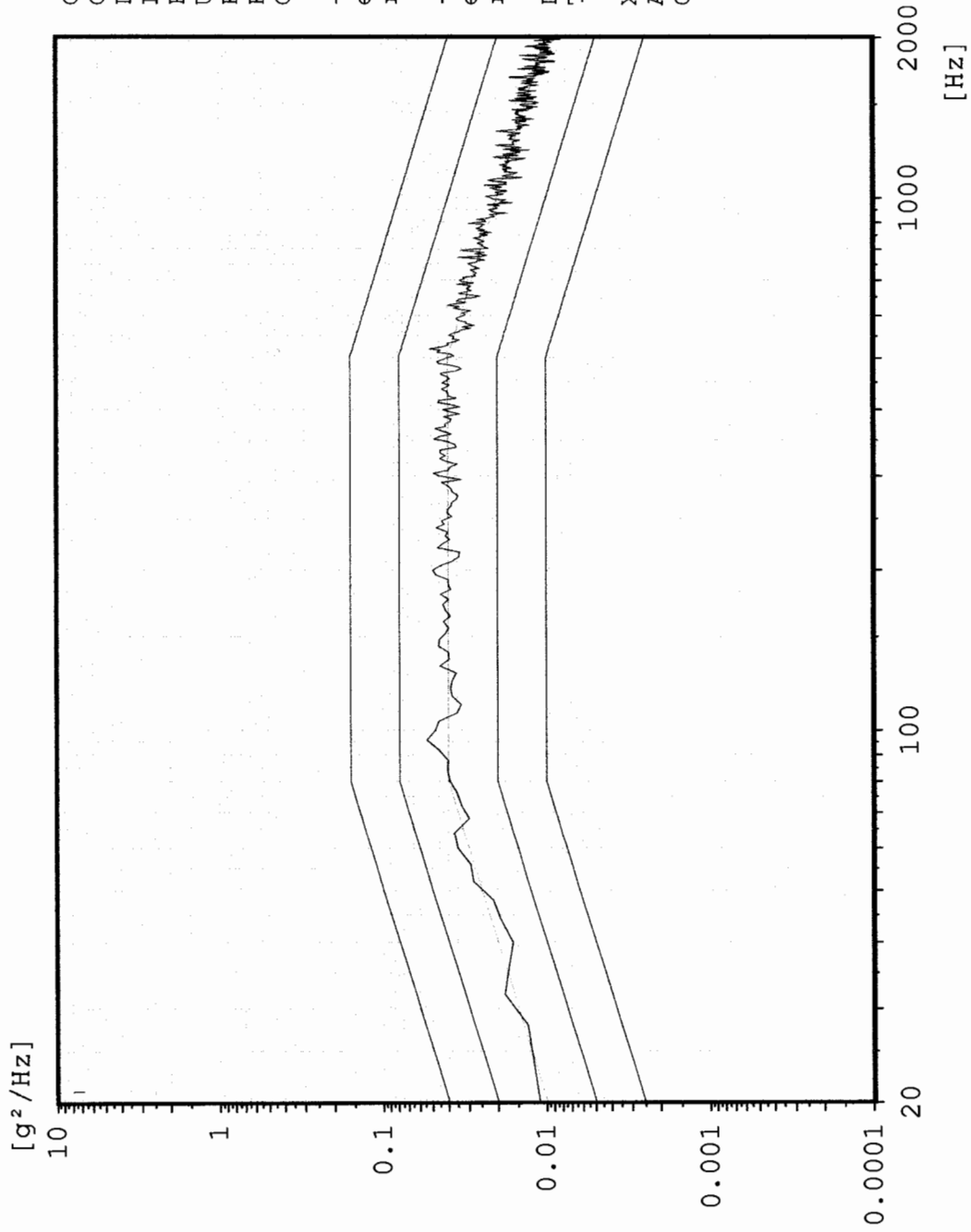
Chan.no: 1  
Chan.type: C  
DOF: 126  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 6.847 g  
RMS (req.): 6.787 g  
Contr.strat.: Closed loop

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

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

Date: 01-25-05  
Time: 15:42:44

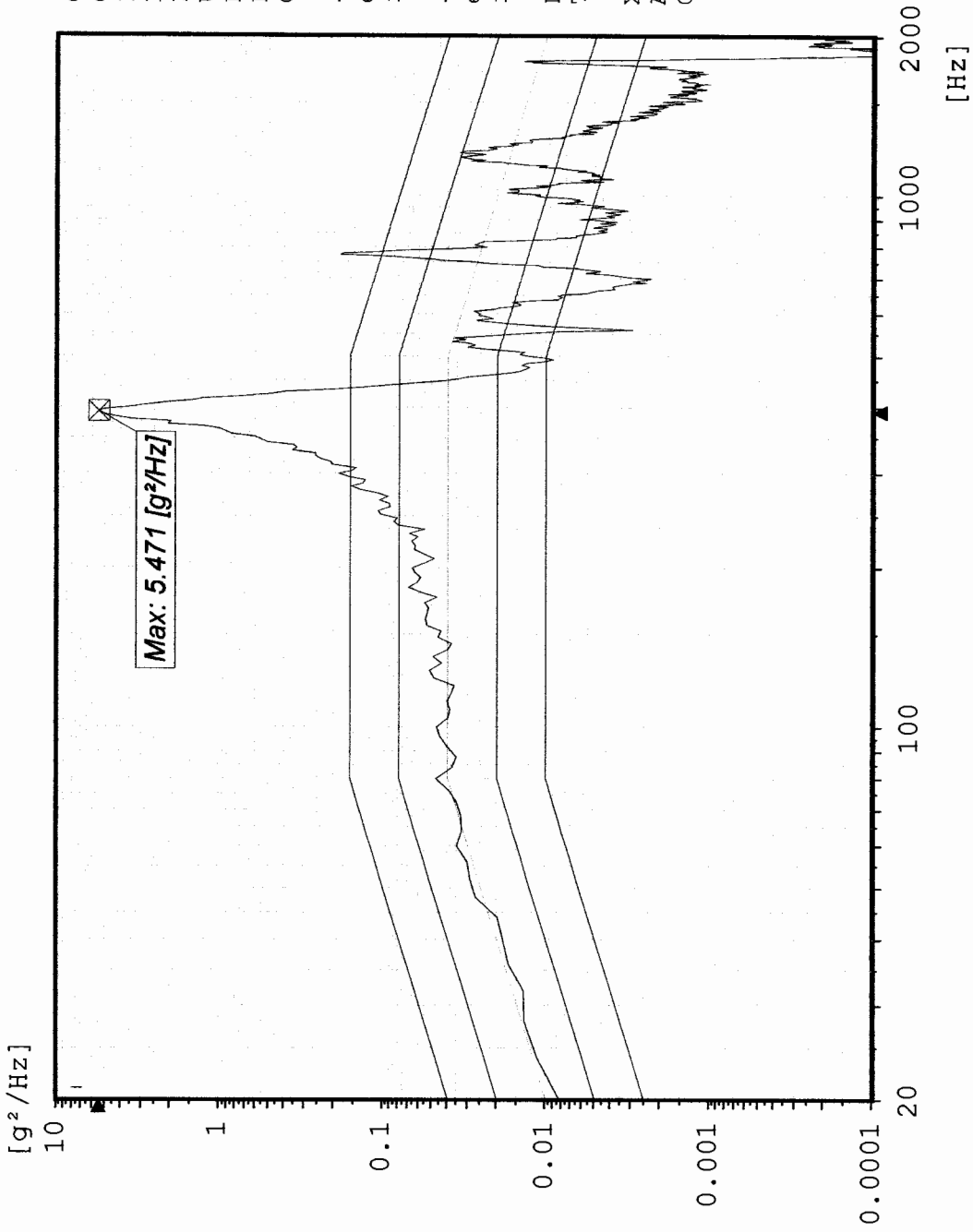
X - Axis  
Acceptance Unit 2  
GLAT 1752



Max: 392 Hz 5.471 g<sup>2</sup>/Hz

### AX4 TPS Top edge

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
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.): 15.15 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: 000:02:53  
 remaining: 000:00:00

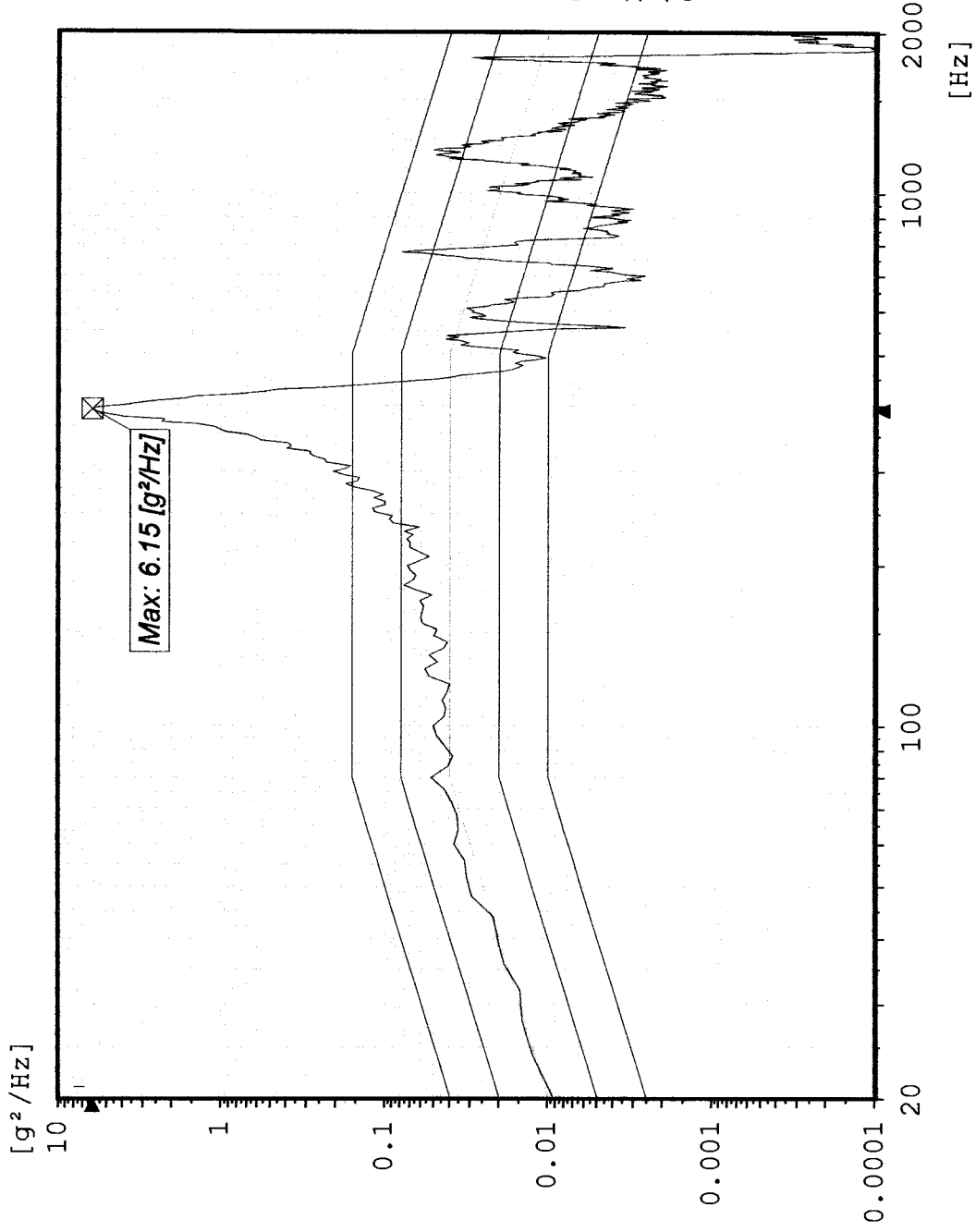
Date: 01-25-05  
 Time: 15:42:44

X - Axis  
 Acceptance Unit 2  
 GLAT 1752

Max: 392 Hz 6.15 g<sup>2</sup>/Hz

# Random AX3 TPS Top center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



Chan.no: 3  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 16.03 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: 01-25-05  
 Time: 15:42:44

X - Axis  
 Acceptance Unit 2  
 GLAT 1752

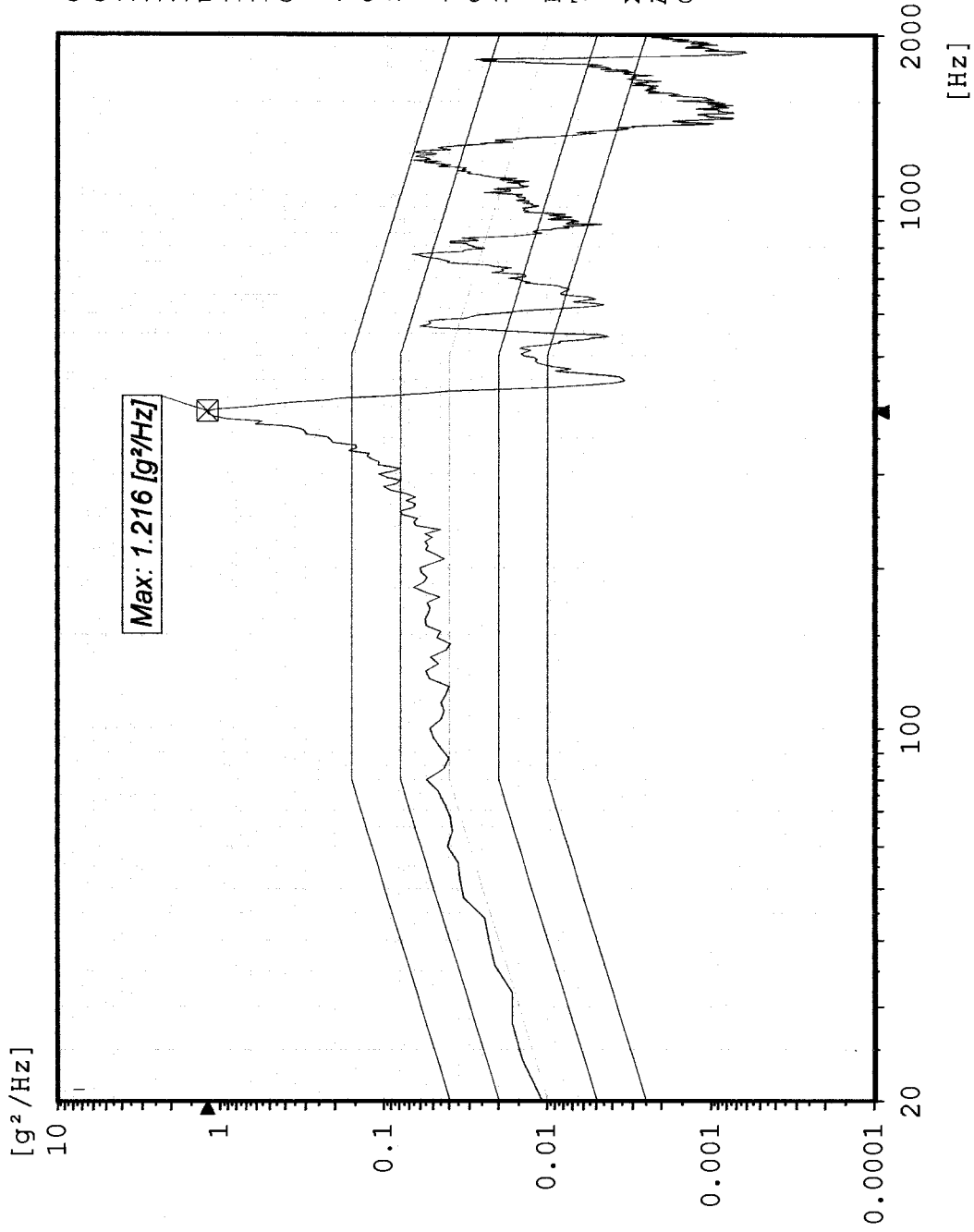
Max: 392 Hz 1.216 g<sup>2</sup>/Hz

# Random AX1 TEM Edge center

Stanford Linear Accelerator

J/N 49995.51758

TEM & TPS



Chan.no: 7  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 9.2 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: 01-25-05  
 Time: 15:42:44

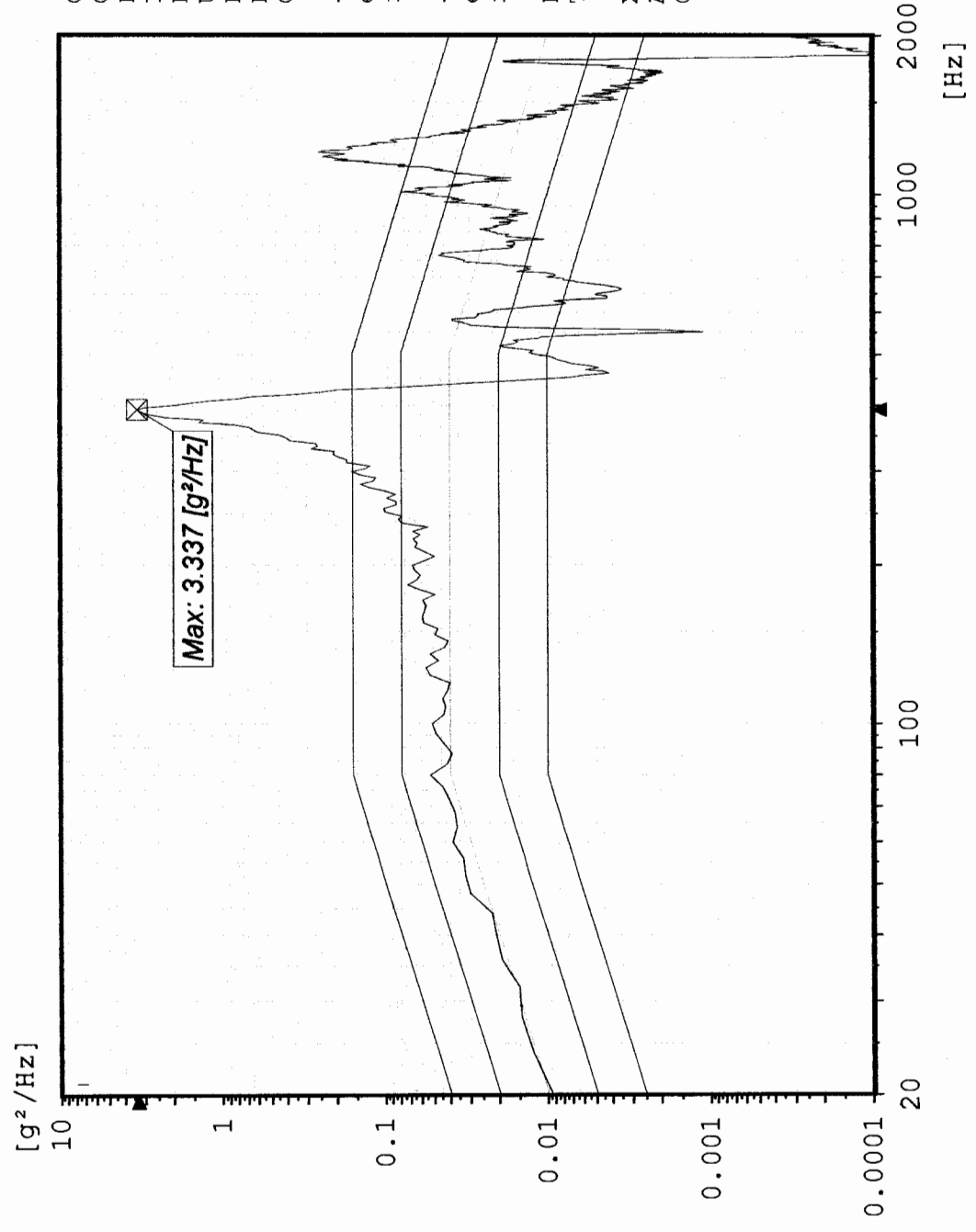
X - Axis  
 Acceptance Unit 2  
 GLAT 1752



Max: 392 Hz 3.337 g<sup>2</sup>/Hz

### AX2 TPS CG

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
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.): 13.54 g  
 RMS (req.): 6.787 g  
 Contr.strat.: Closed loop

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

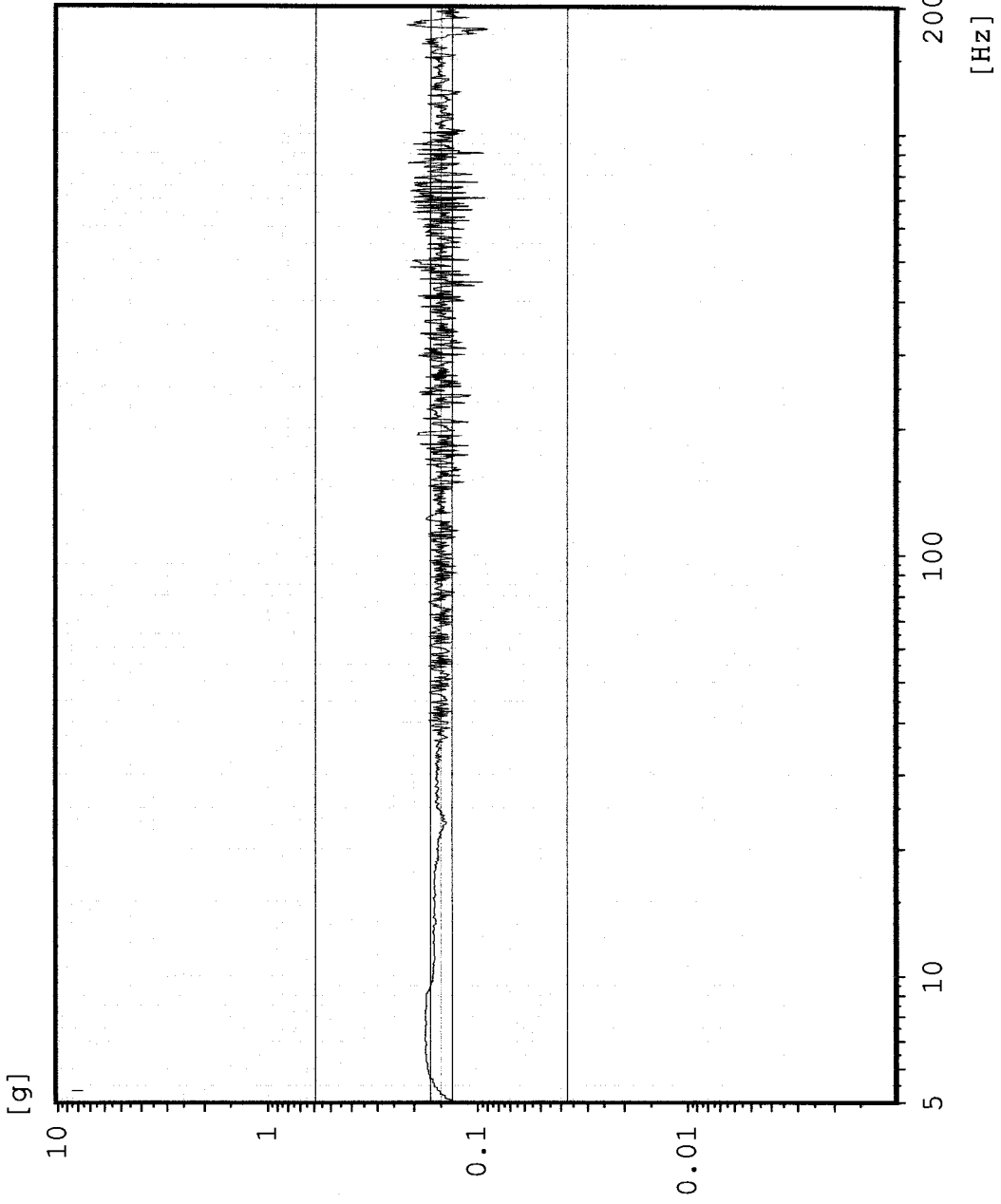
-- Time total --  
 elapsed: 000:02:53  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 15:42:44

X - Axis  
 Acceptance Unit 2  
 GLAT 1752

# Sine CX1 Control channel

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 1  
Chan.type: CW Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 15:49:57

X - axis Post-Random  
Acceptance Unit 2  
GLAT 1752

# AX4 TPS Top edge

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS

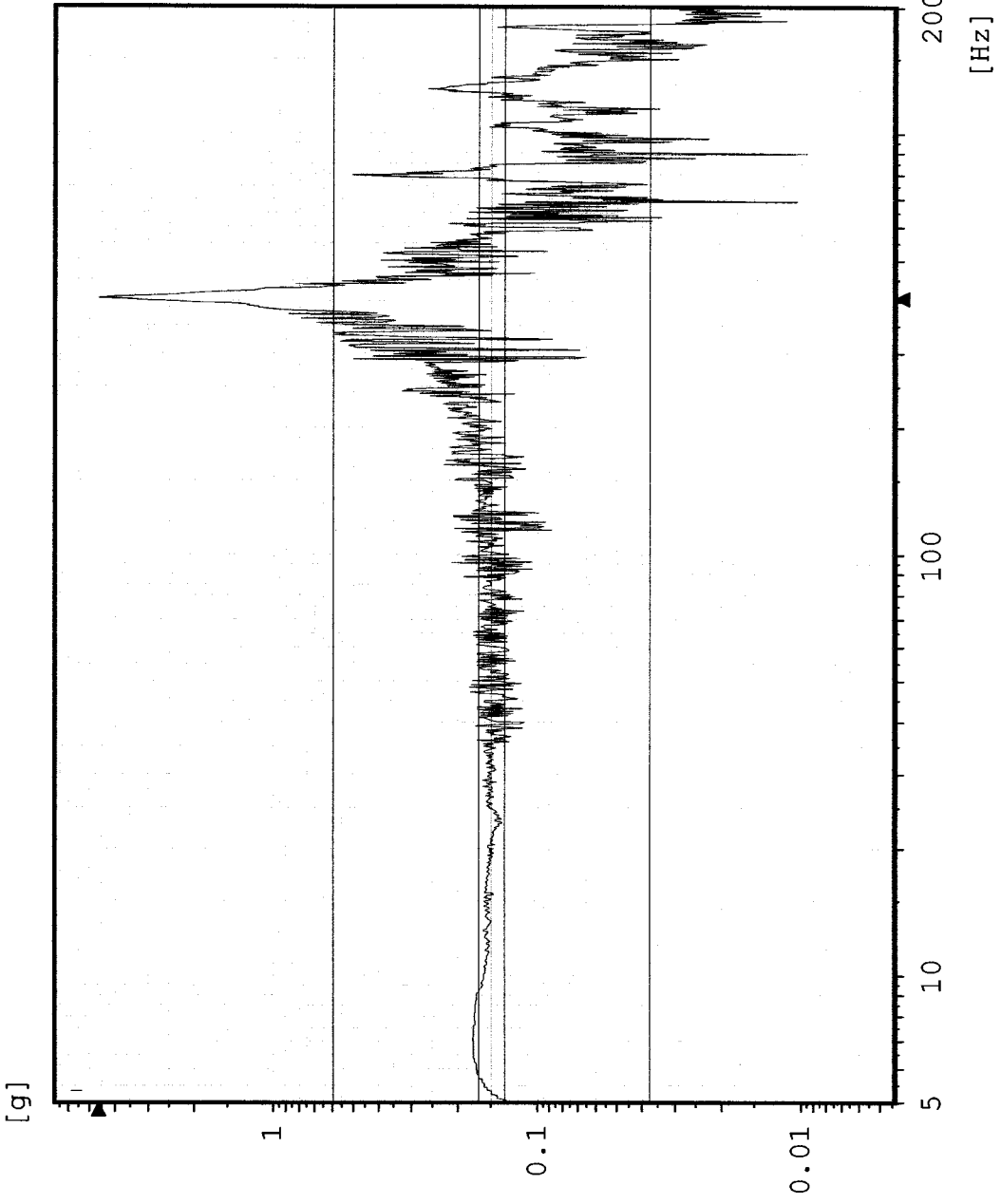


Chan.no: 2  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 15:49:57

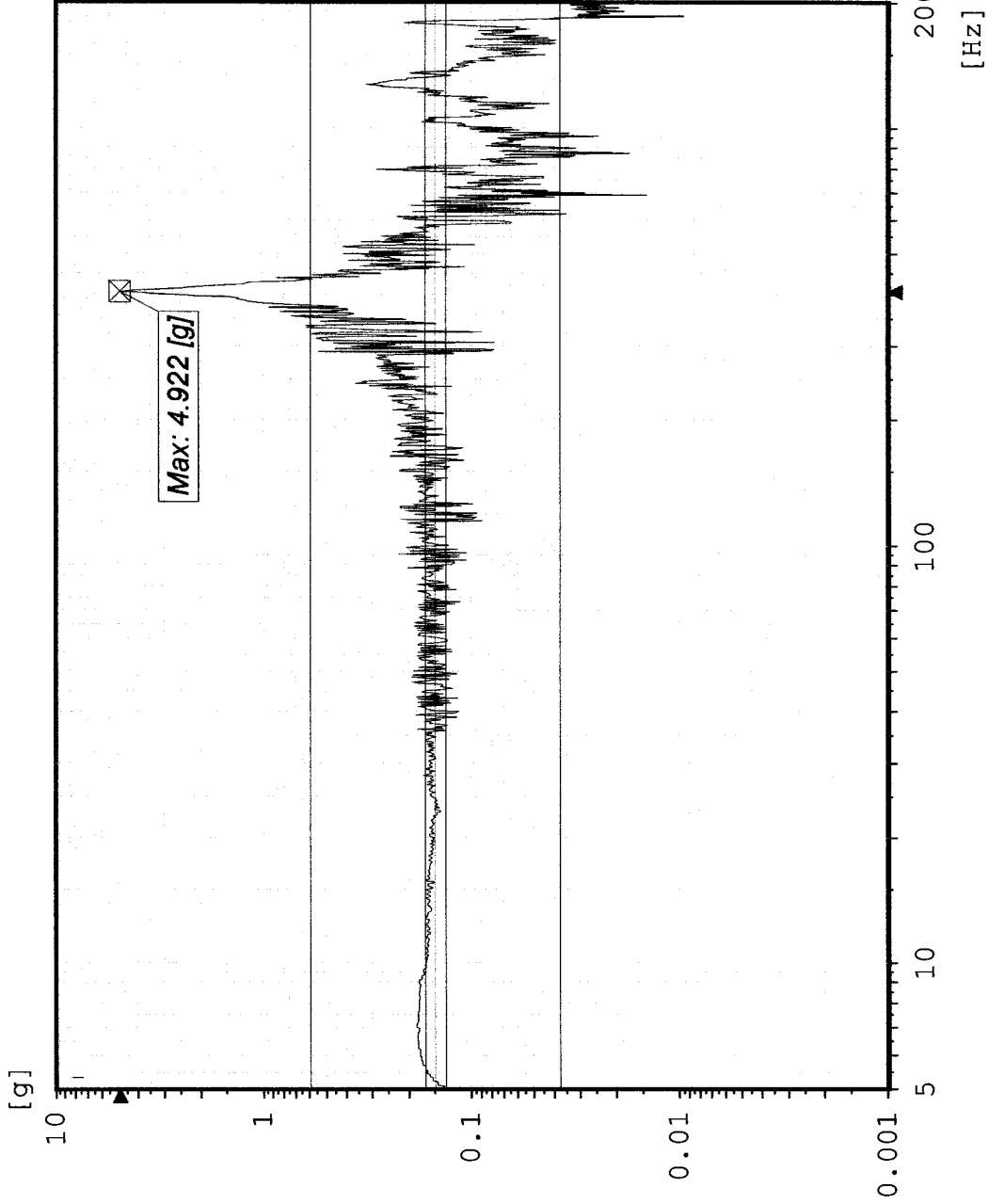
X - axis Post-Random  
Acceptance Unit 2  
GLAT 1752



Max: 406.6 Hz 4.922 g

# Sine AX3 TPS Top center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 3  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

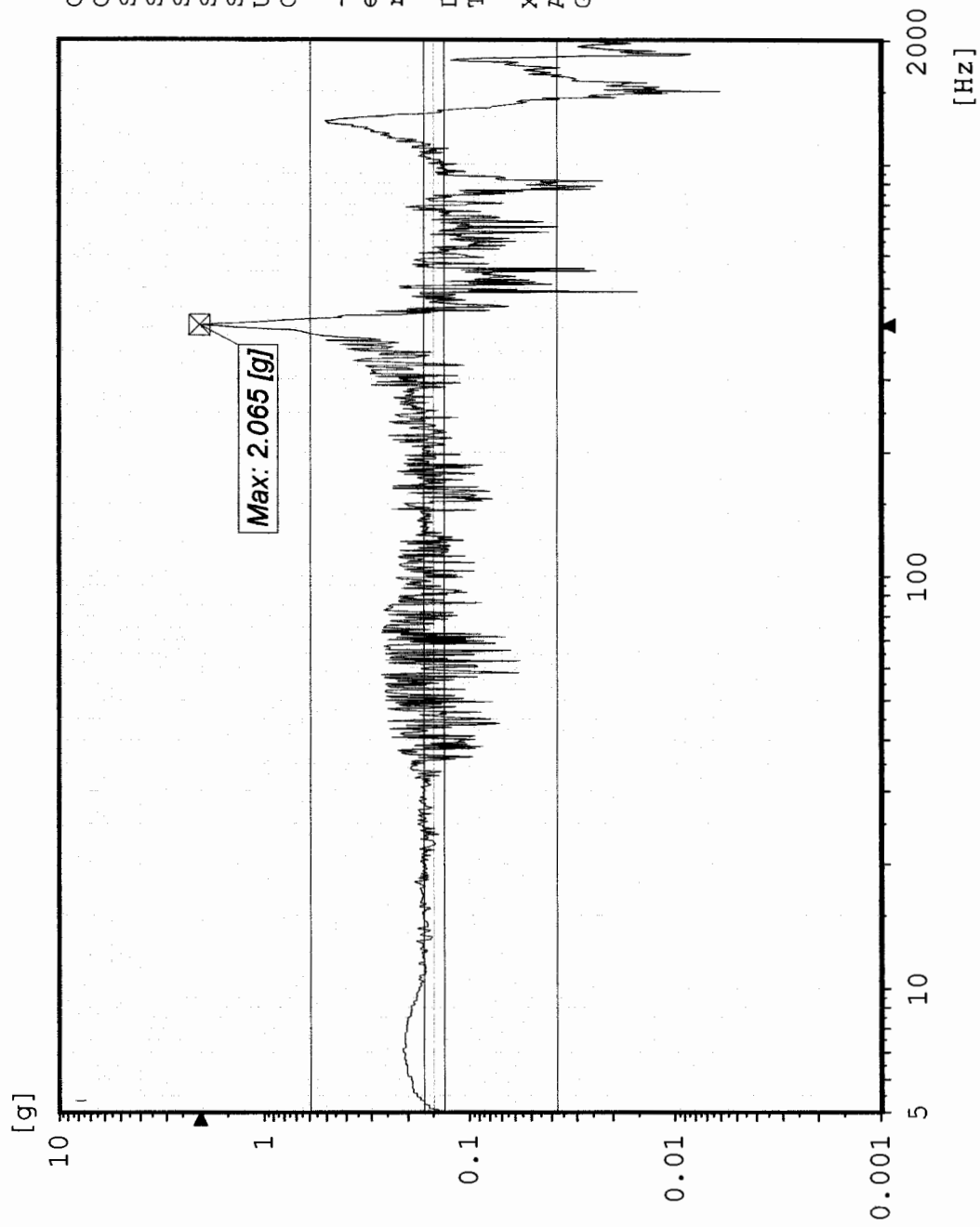
Date: 01-25-05  
Time: 15:49:57

X - axis Post-Random  
Acceptance Unit 2  
GLAT 1752



# Sine AX1 TEM Edge center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 7  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 15:49:57

X - axis Post-Random  
 Acceptance Unit 2  
 GLAT 1752

Max: 406.6 Hz 3.61 g

# AX2 TPS CG

Sine

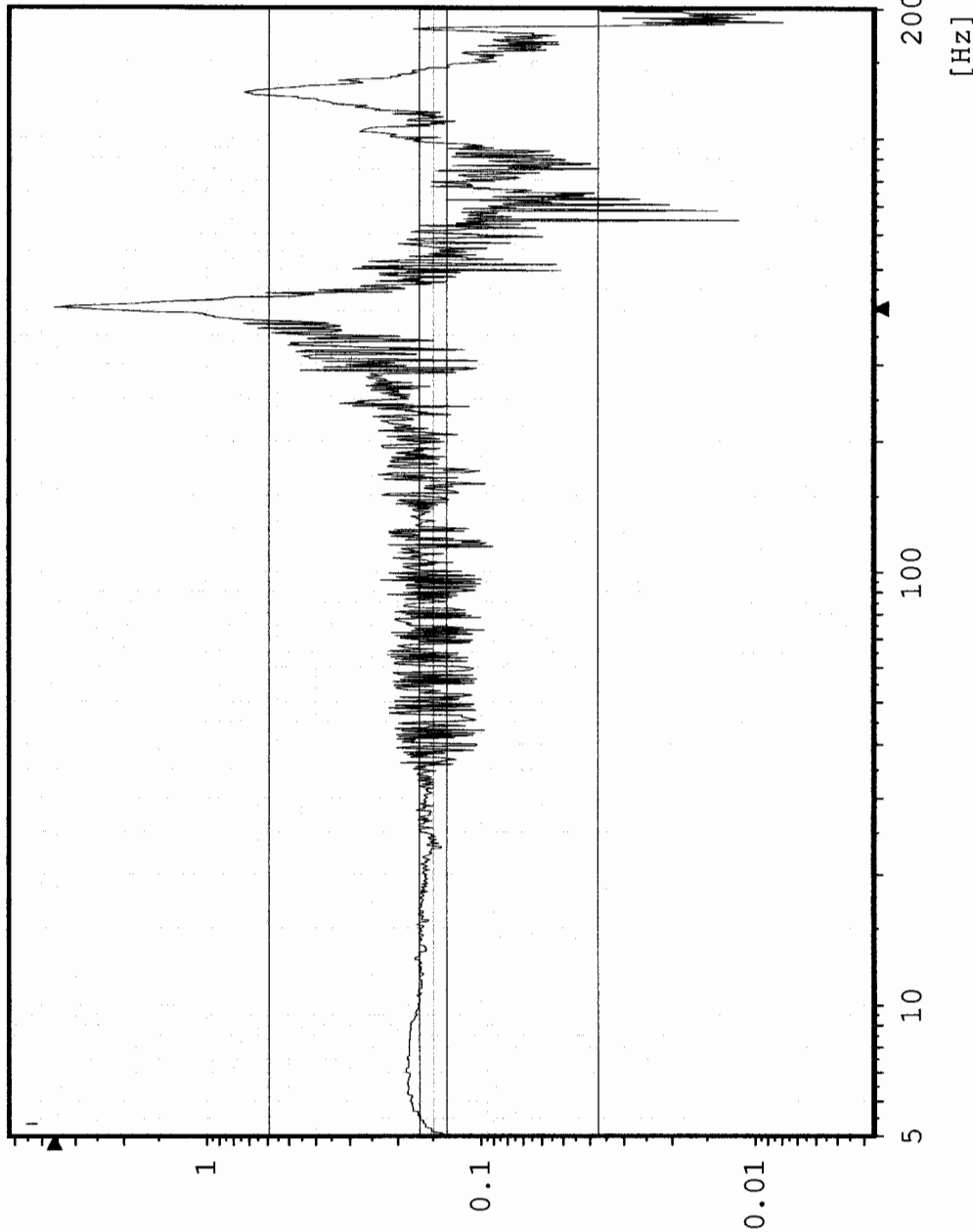
Stanford Linear Accelerator

J/N 49995.51758

TEM / TPS



[g]



Chan.no: 10  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

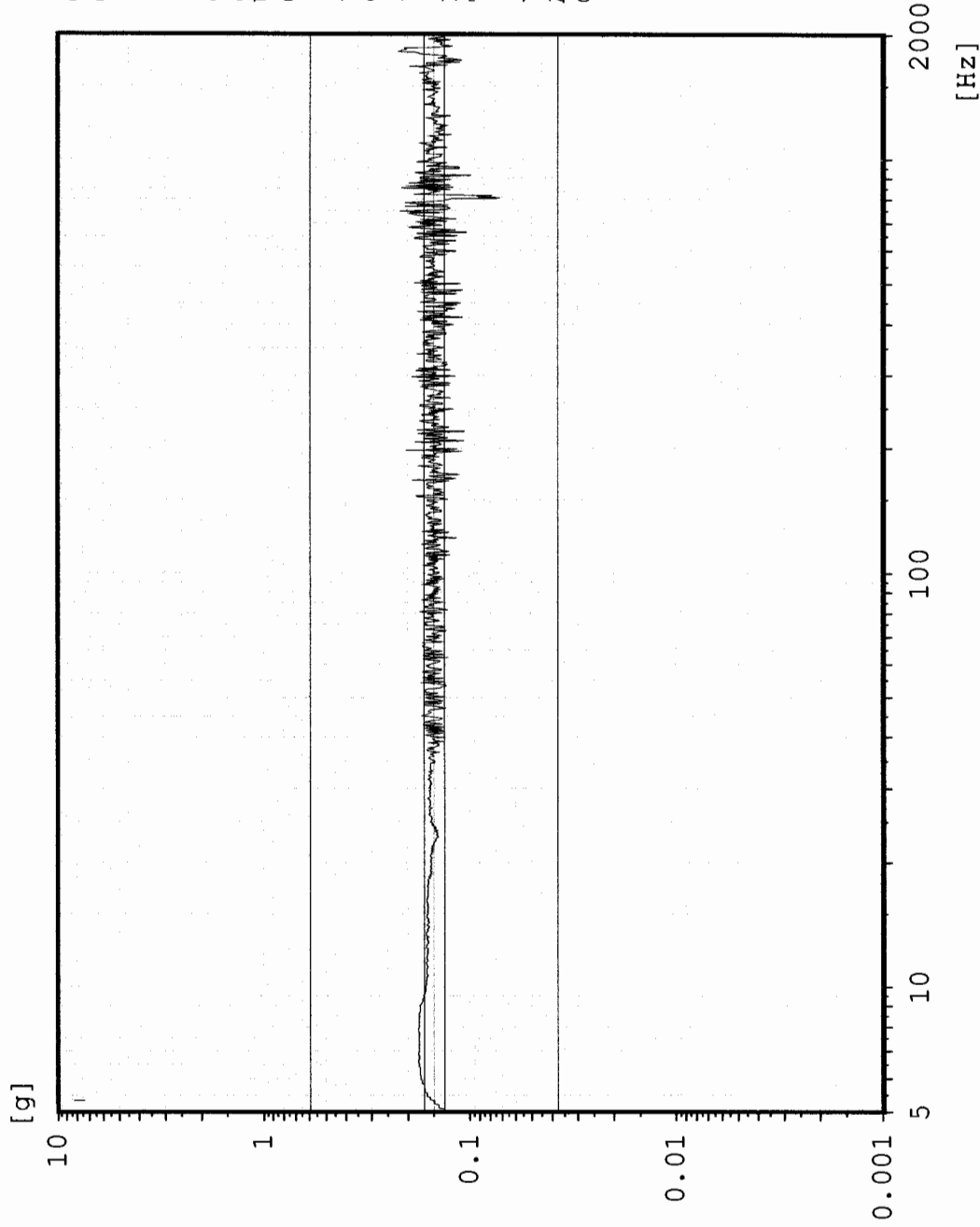
-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 15:49:57

X - axis Post-Random  
Acceptance Unit 2  
GLAT 1752

# Sine CY1 Control channel

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 1  
Chan.type: CW Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 16:07:53

Y - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752

Max: 418.7 Hz 4.34 g



### AY4 TPS Top edge

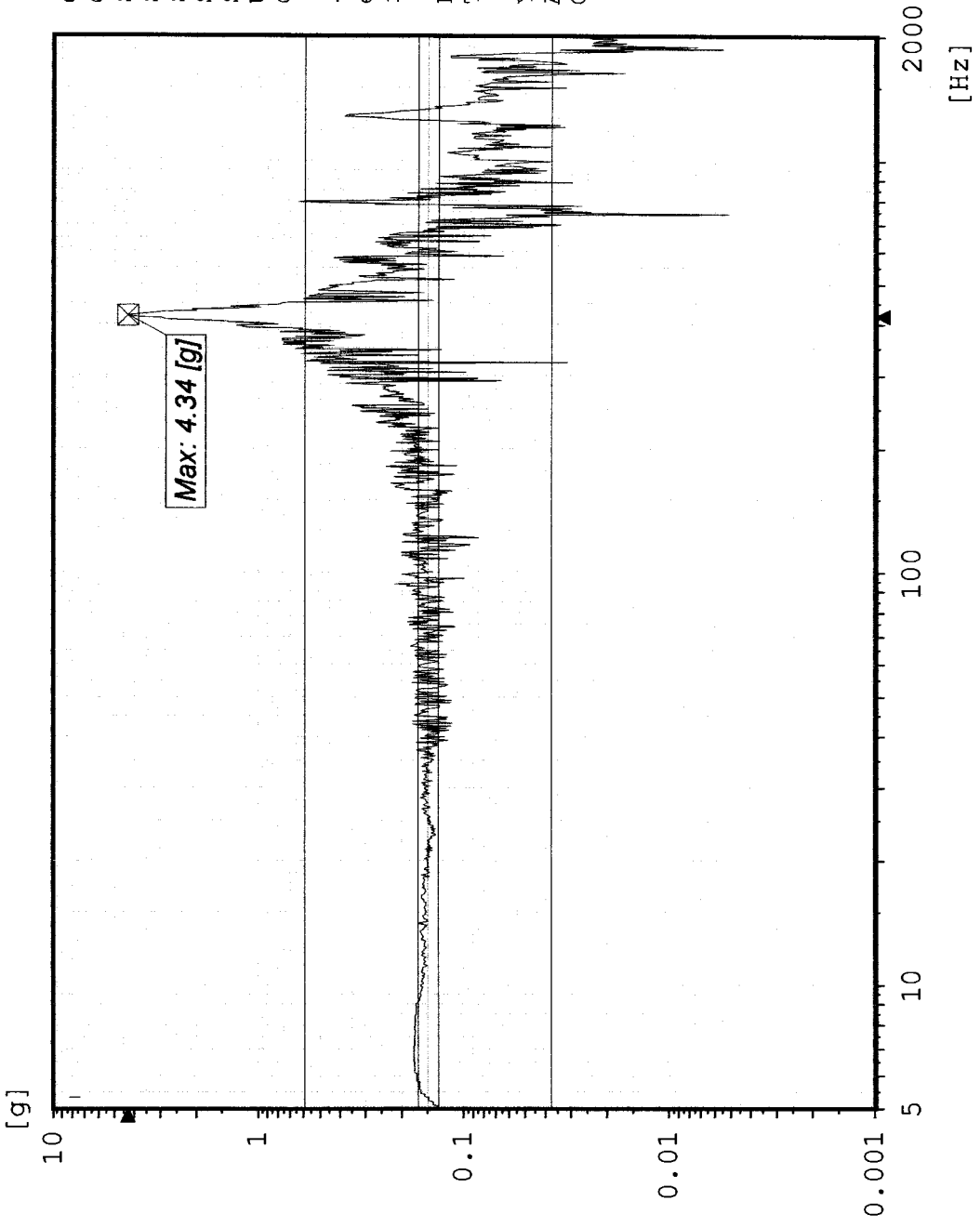
Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS

Chan.no: 2  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 16:07:53

Y - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752



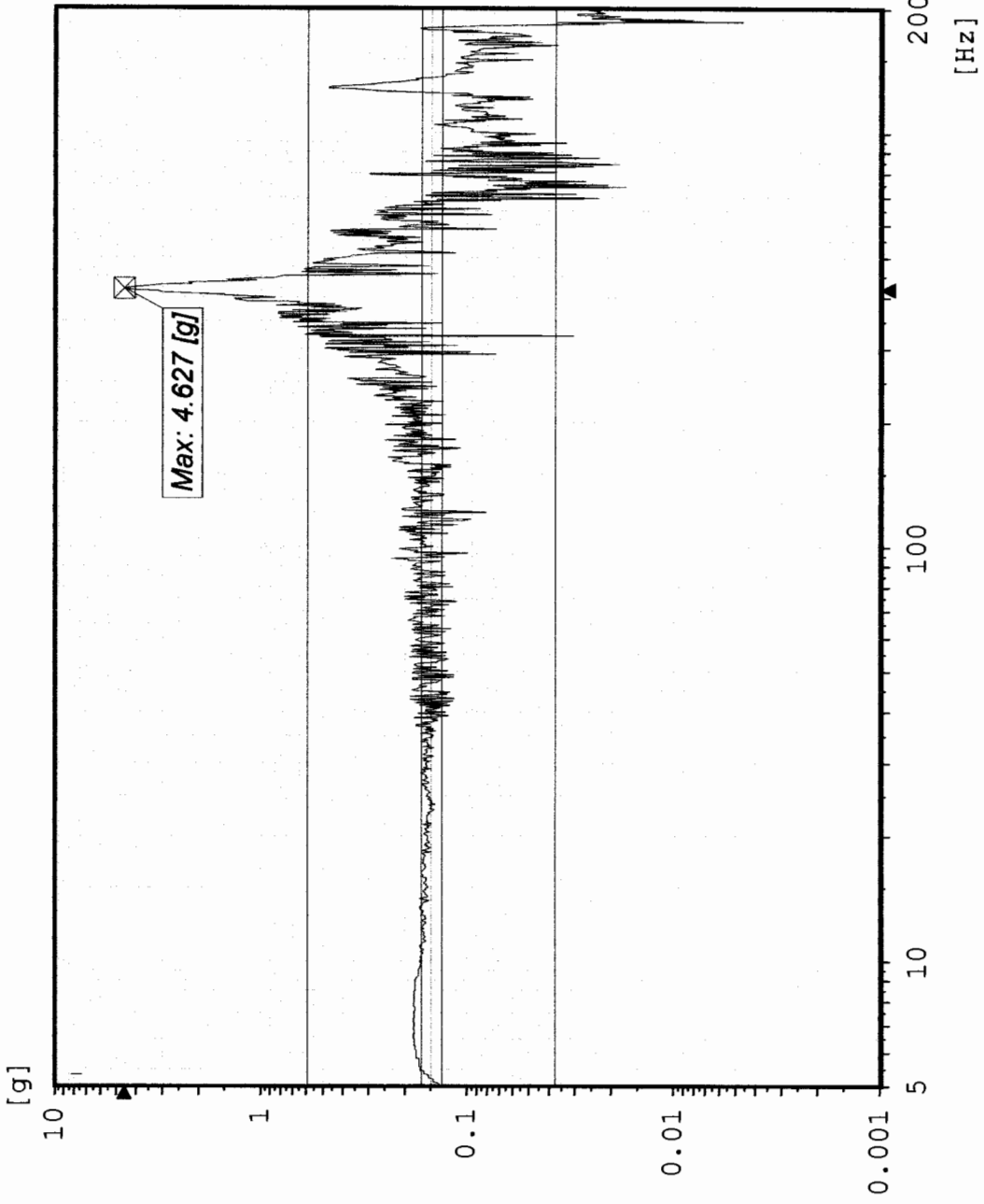


Max: 418.7 Hz 4.627 g



### AY3 TPS Top center

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 3  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 16:07:53

Y - axis Pre-Random  
 Acceptance Unit 2  
 GLAT 1752

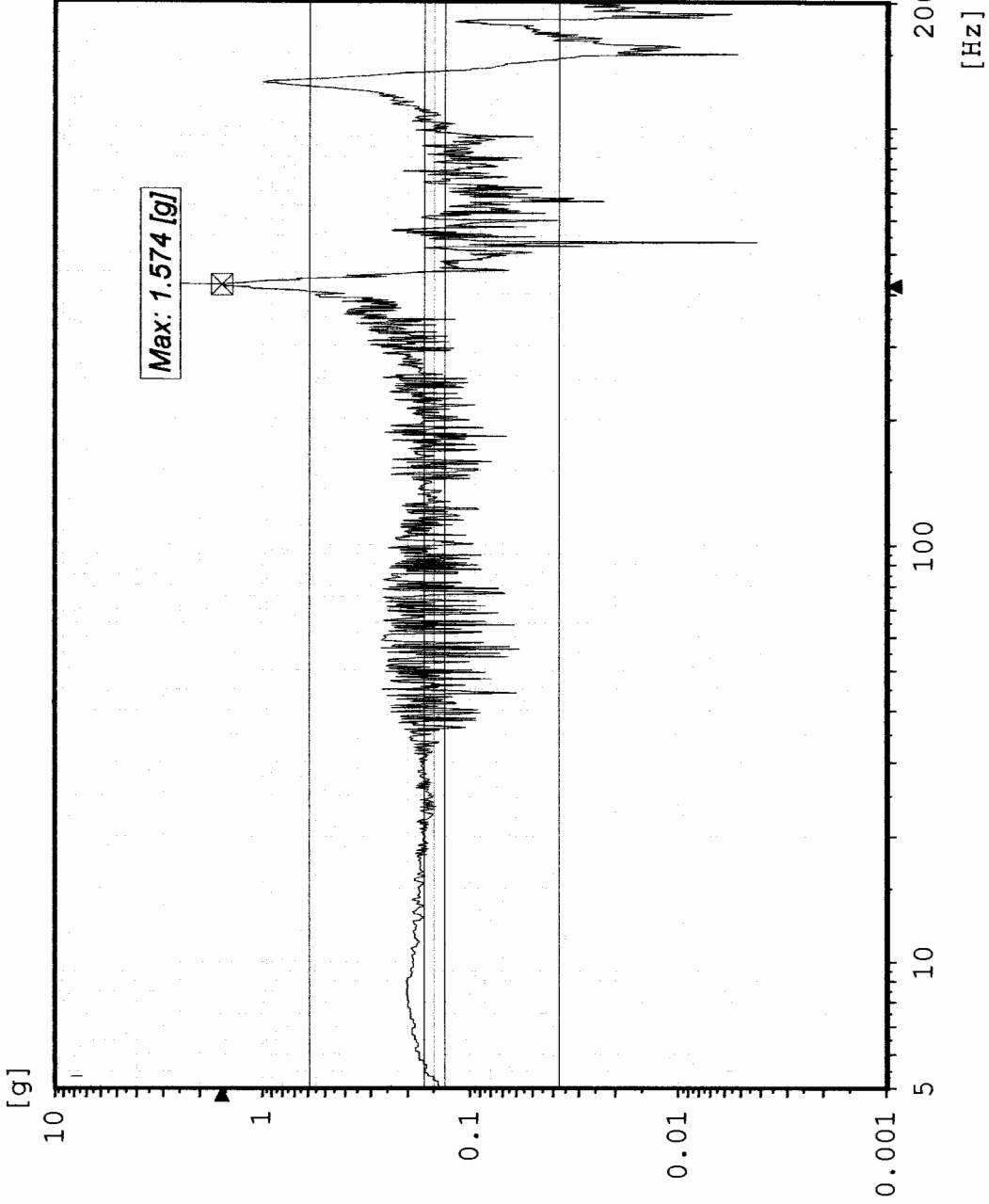
Max: 418.7 Hz 1.574 g

# Sine AY1 TEM Edge center

Stanford Linear Accelerator

J/N 49995.51758

TEM / TPS



Chan.no: 7  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

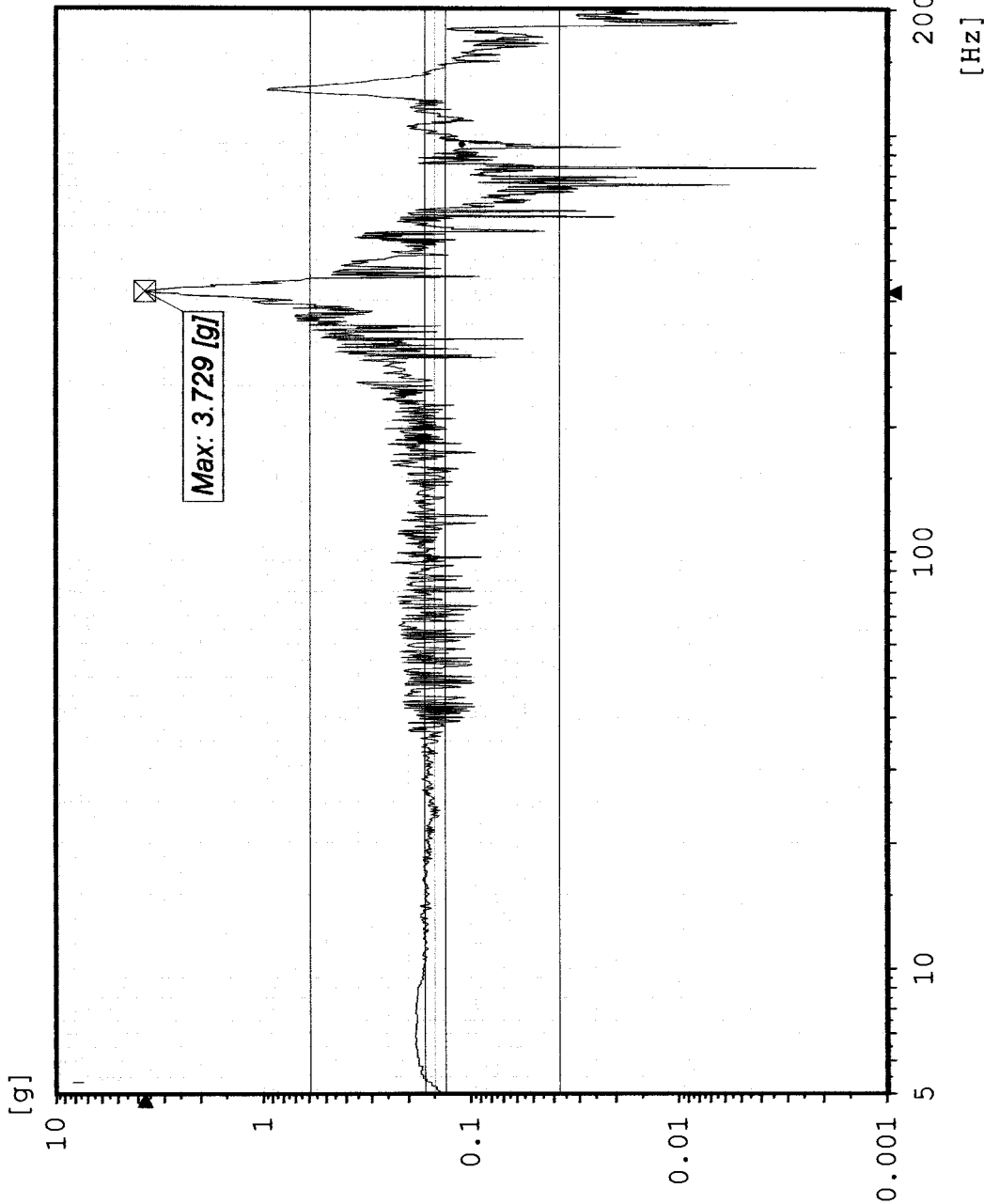
Date: 01-25-05  
 Time: 16:07:53

Y - axis Pre-Random  
 Acceptance Unit 2  
 GLAT 1752

Max: 418.7 Hz 3.729 g

# AY2 TPS CG

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 10  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

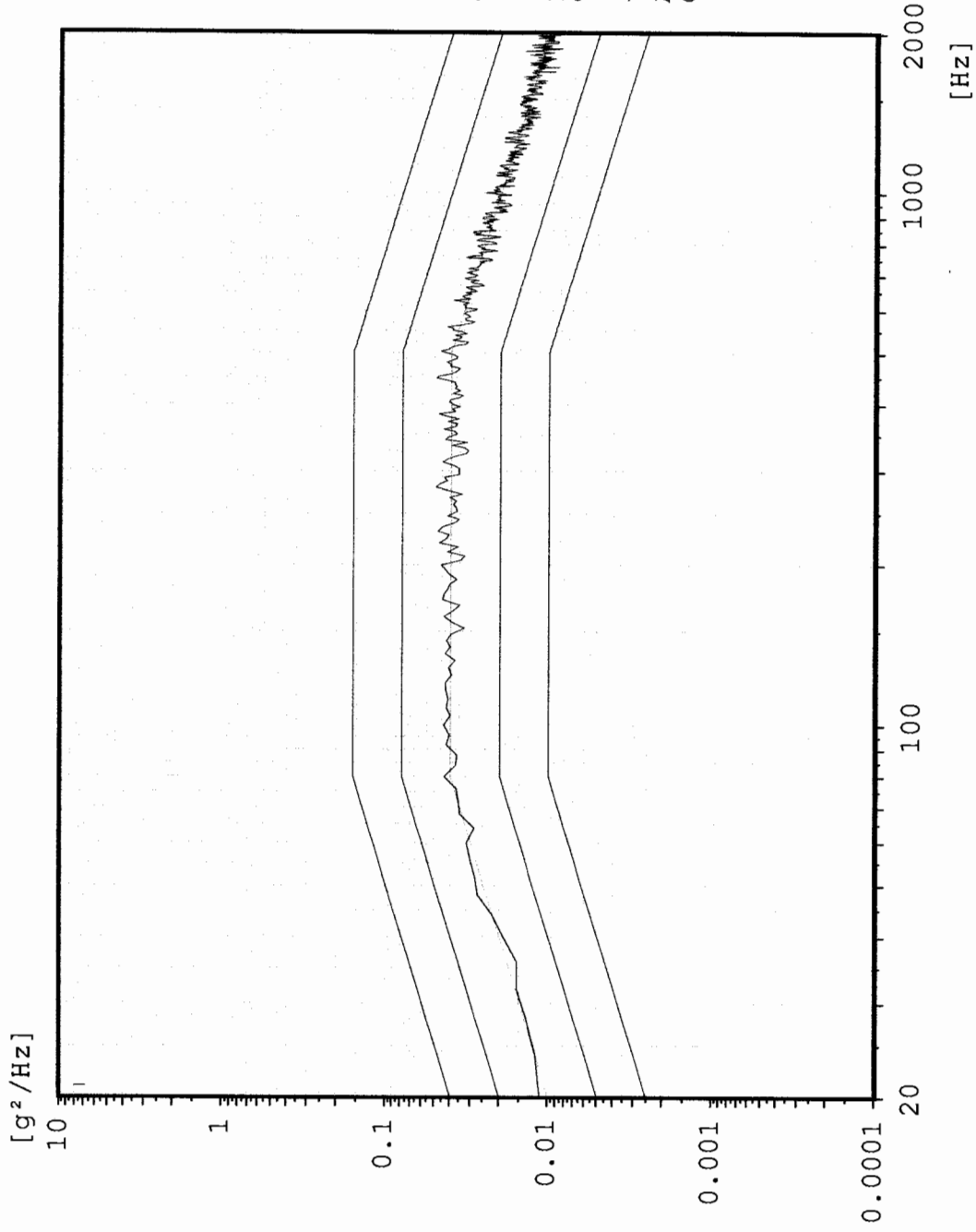
-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 16:07:53

Y - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752

# CY1 Control

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



Chan.no: 1  
Chan.type: C  
DOF: 126  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit:  $g^2/Hz$   
RMS (act.): 6.793 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: 000:02:55  
remaining: 000:00:00

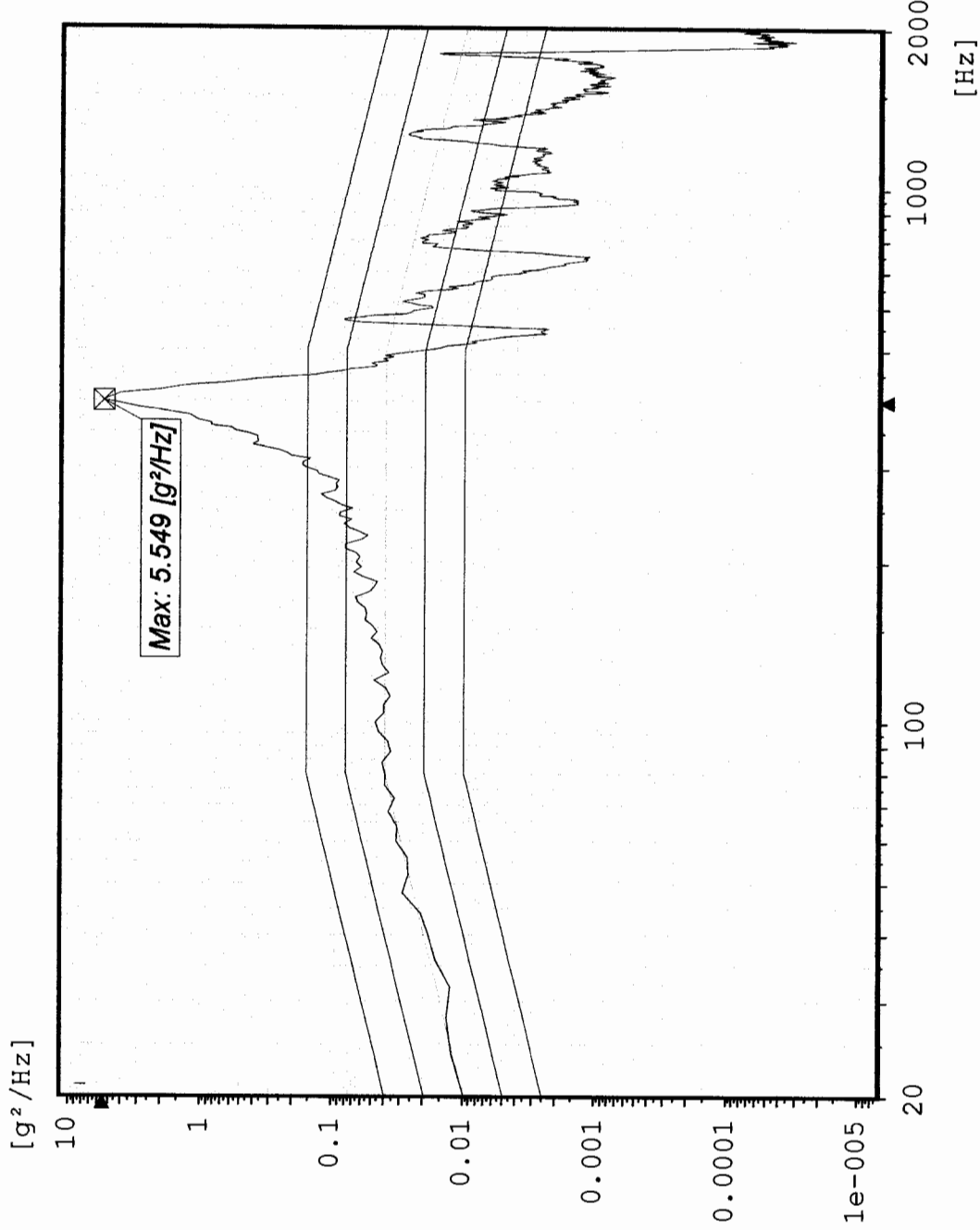
Date: 01-25-05  
Time: 16:20:01

Y - Axis  
Acceptance Unit 2  
GLAT 1752

Max: 400 Hz 5.549 g<sup>2</sup>/Hz

### AY4 TPS Top edge

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
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.): 15.68 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: 000:02:55  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 16:20:01

Y - Axis  
 Acceptance Unit 2  
 GLAT 1752

Max: 400 Hz 6.297 g<sup>2</sup>/Hz

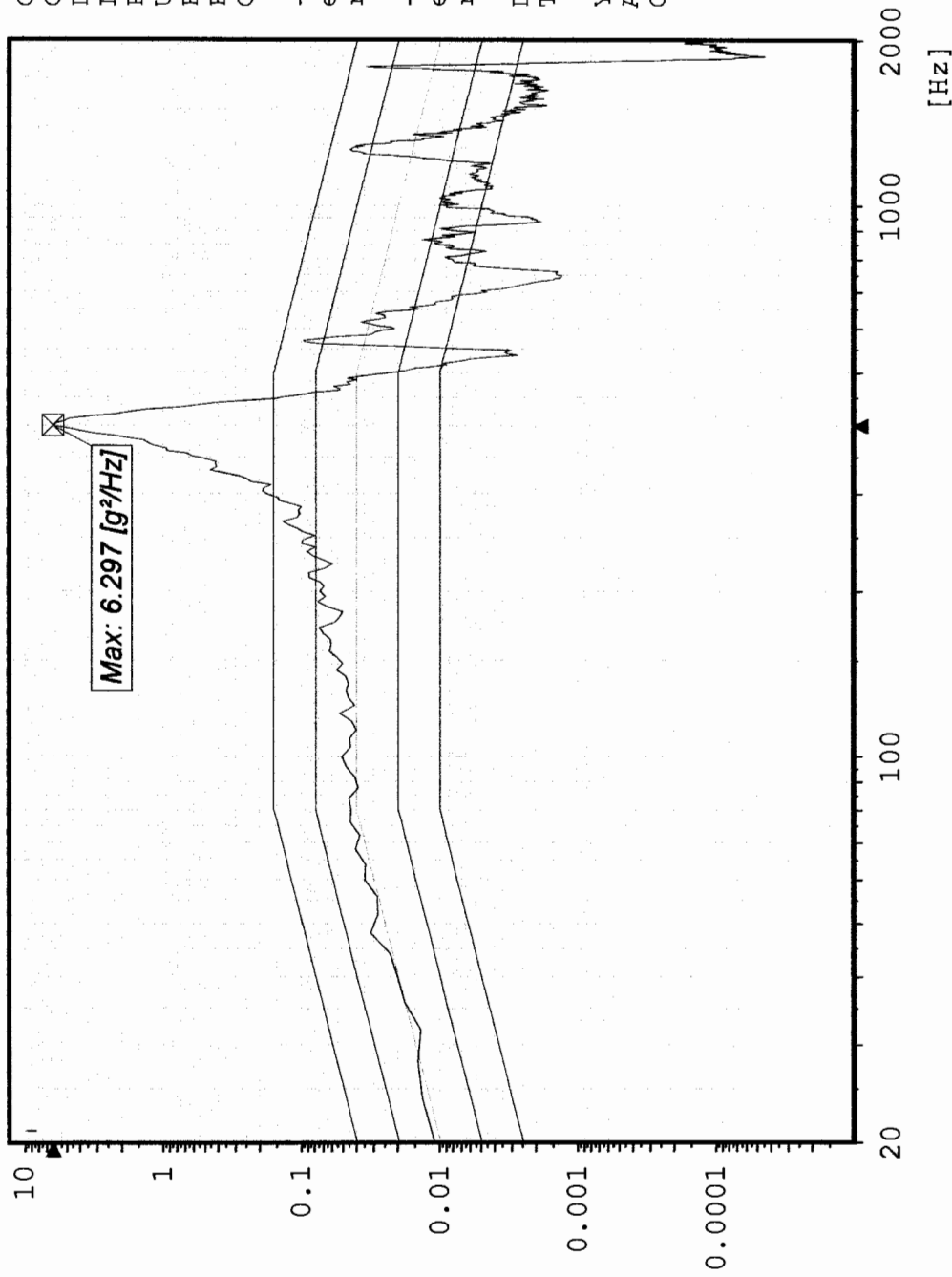
### AY3 TPS Top center

Random

Stanford Linear Accelerator  
J/N 49995.51758  
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.): 16.71 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: 000:02:55  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 16:20:01

Y - Axis  
 Acceptance Unit 2  
 GLAT 1752

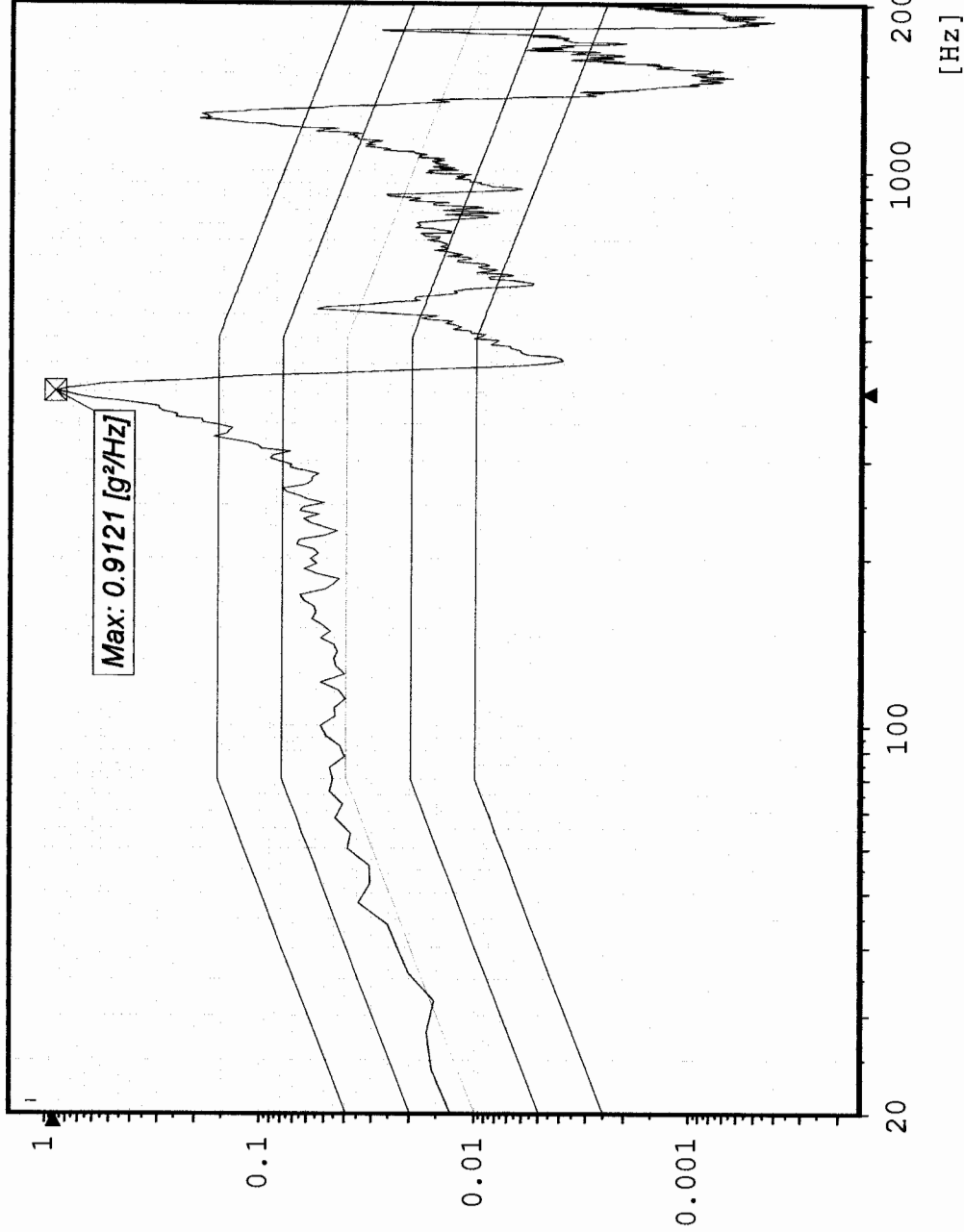
Max: 400 Hz 0.9121 g<sup>2</sup>/Hz

### Random AY1 TEM Edge center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



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



Chan.no: 7  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 9.169 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: 000:02:55  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 16:20:01

Y - Axis  
 Acceptance Unit 2  
 GLAT 1752

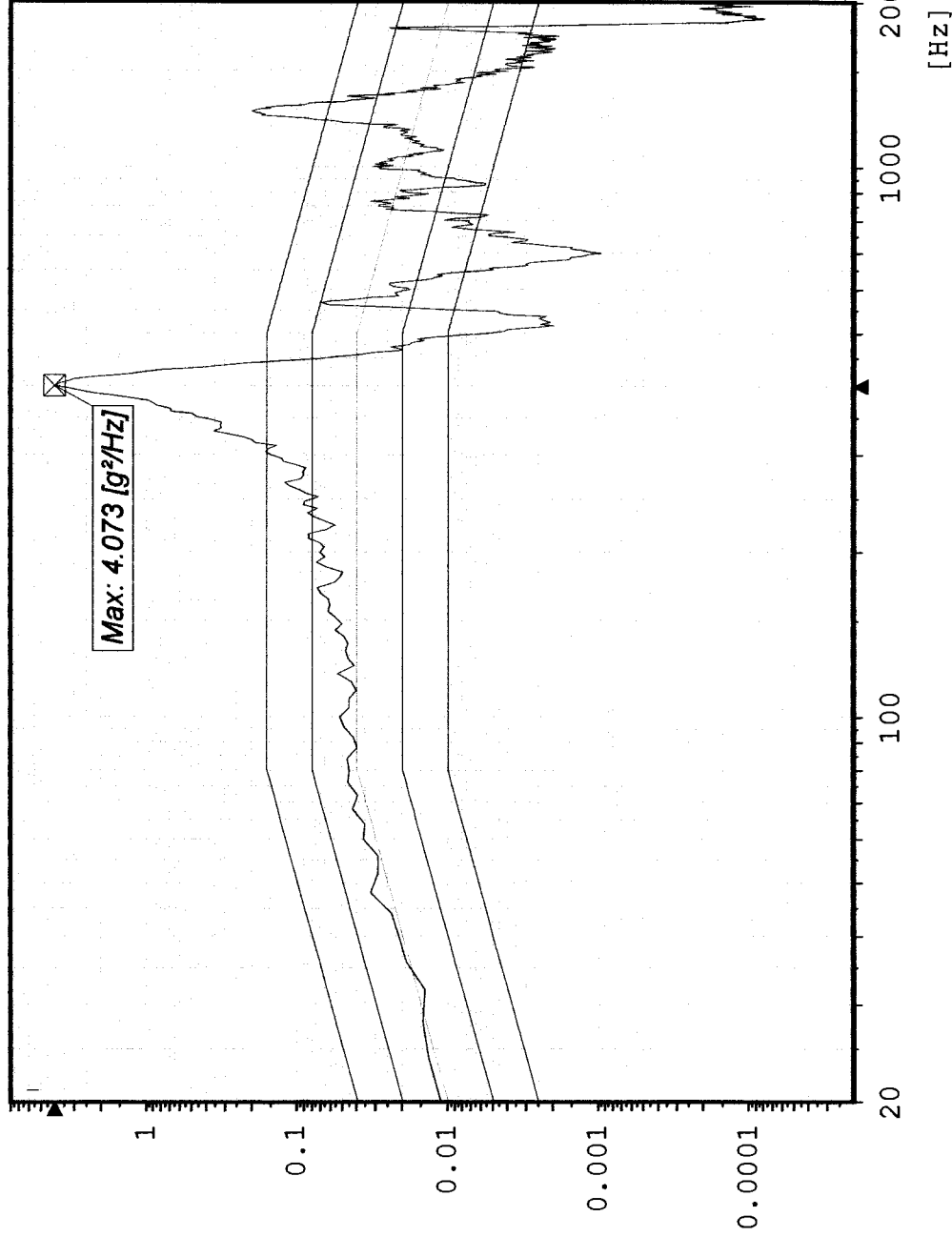
Max: 400 Hz 4.073 g<sup>2</sup>/Hz

### AY2 TPS CG

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
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.): 14.41 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: 000:02:55  
remaining: 000:00:00

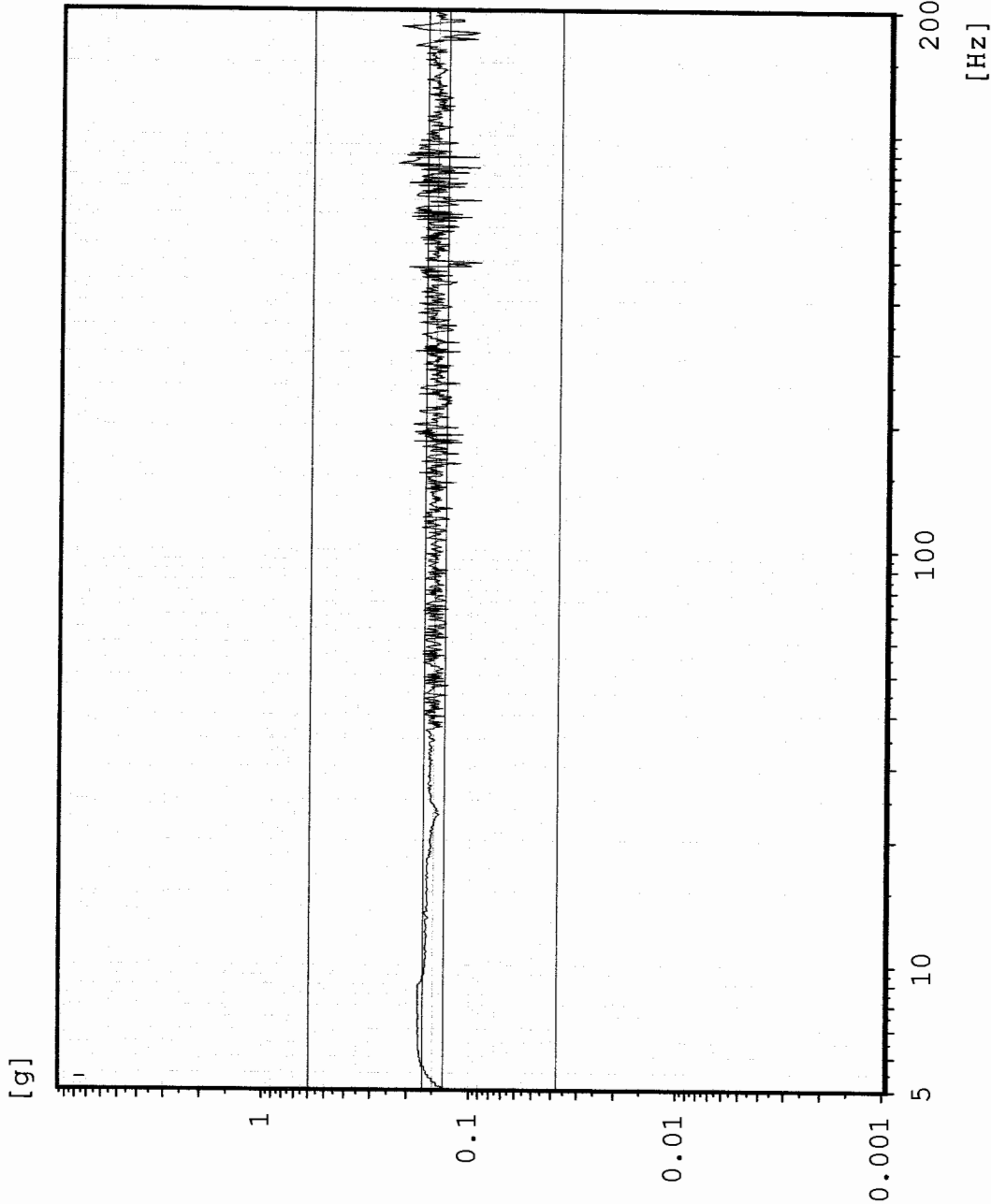
Date: 01-25-05  
Time: 16:20:01

Y - Axis  
Acceptance Unit 2  
GLAT 1752



# Sine CY1 Control channel

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 1  
Chan.type: CW Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

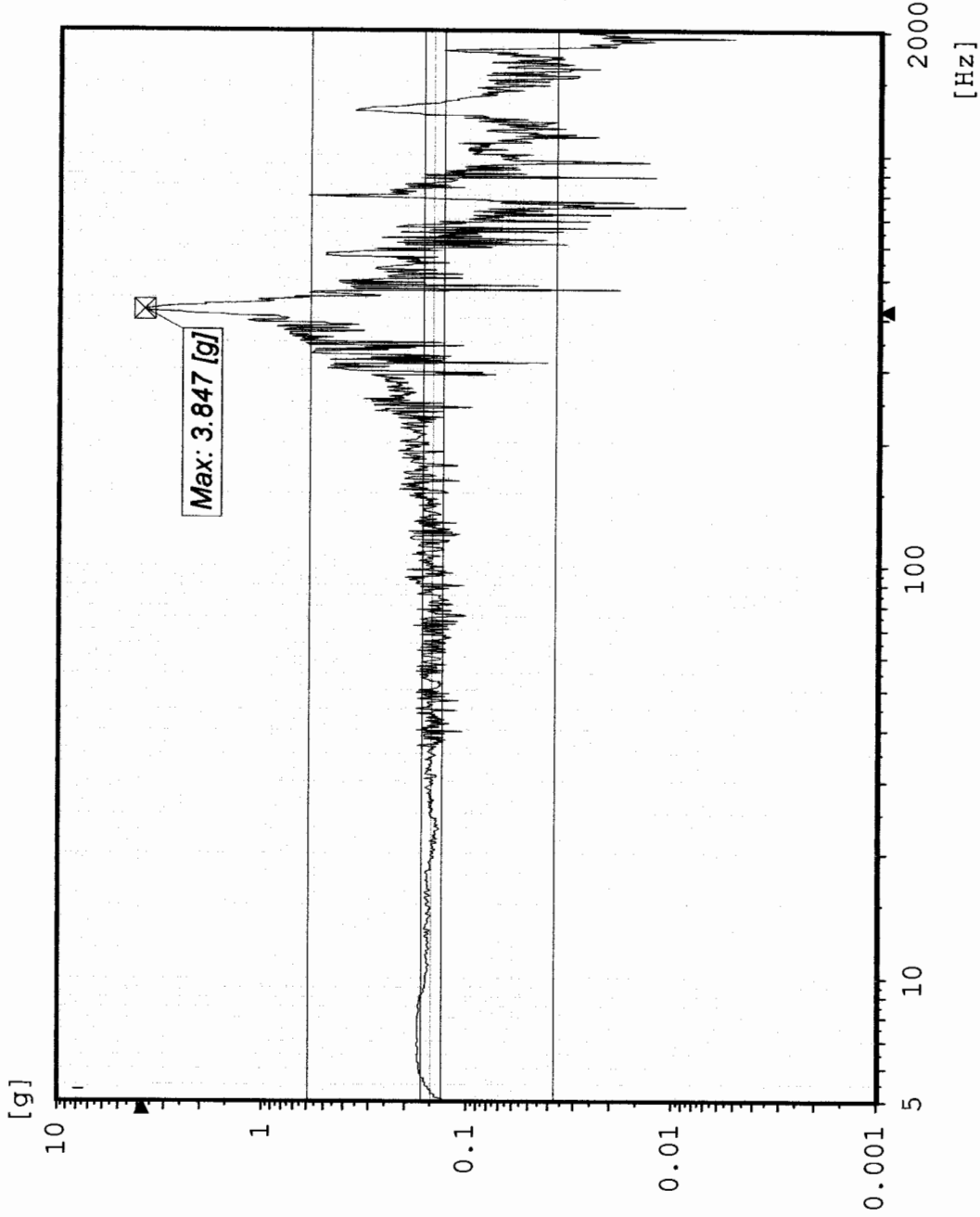
Date: 01-25-05  
Time: 16:27:27

Y - axis Post-Random  
Acceptance Unit 2  
GLAT 1752

Max: 418.7 Hz 3.847 g

# AY4 TPS Top edge

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 2  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

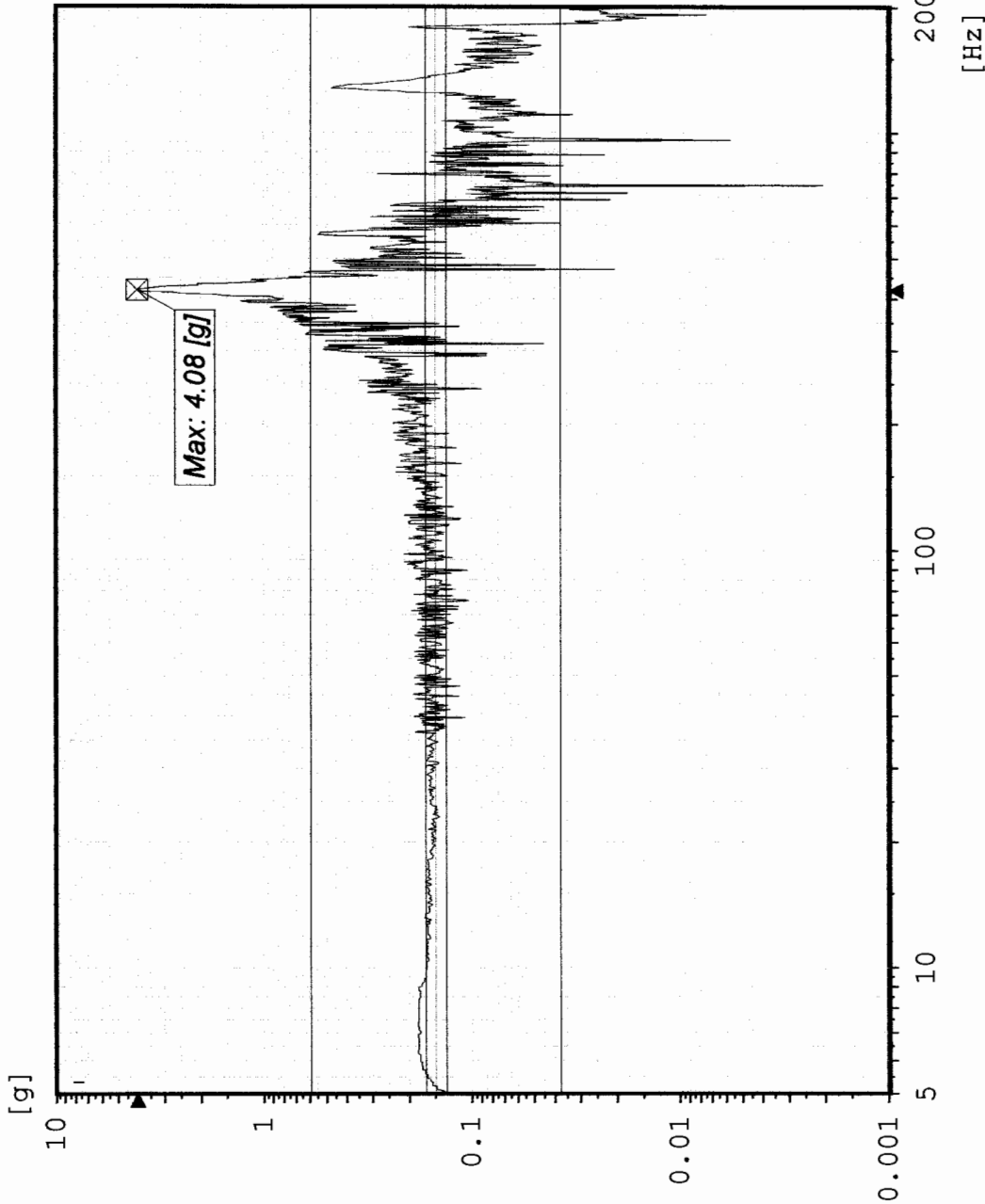
Date: 01-25-05  
Time: 16:27:27

Y - axis Post-Random  
Acceptance Unit 2  
GLAT 1752

Max: 418.7 Hz 4.08 g

# Sine AY3 TPS Top center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 3  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

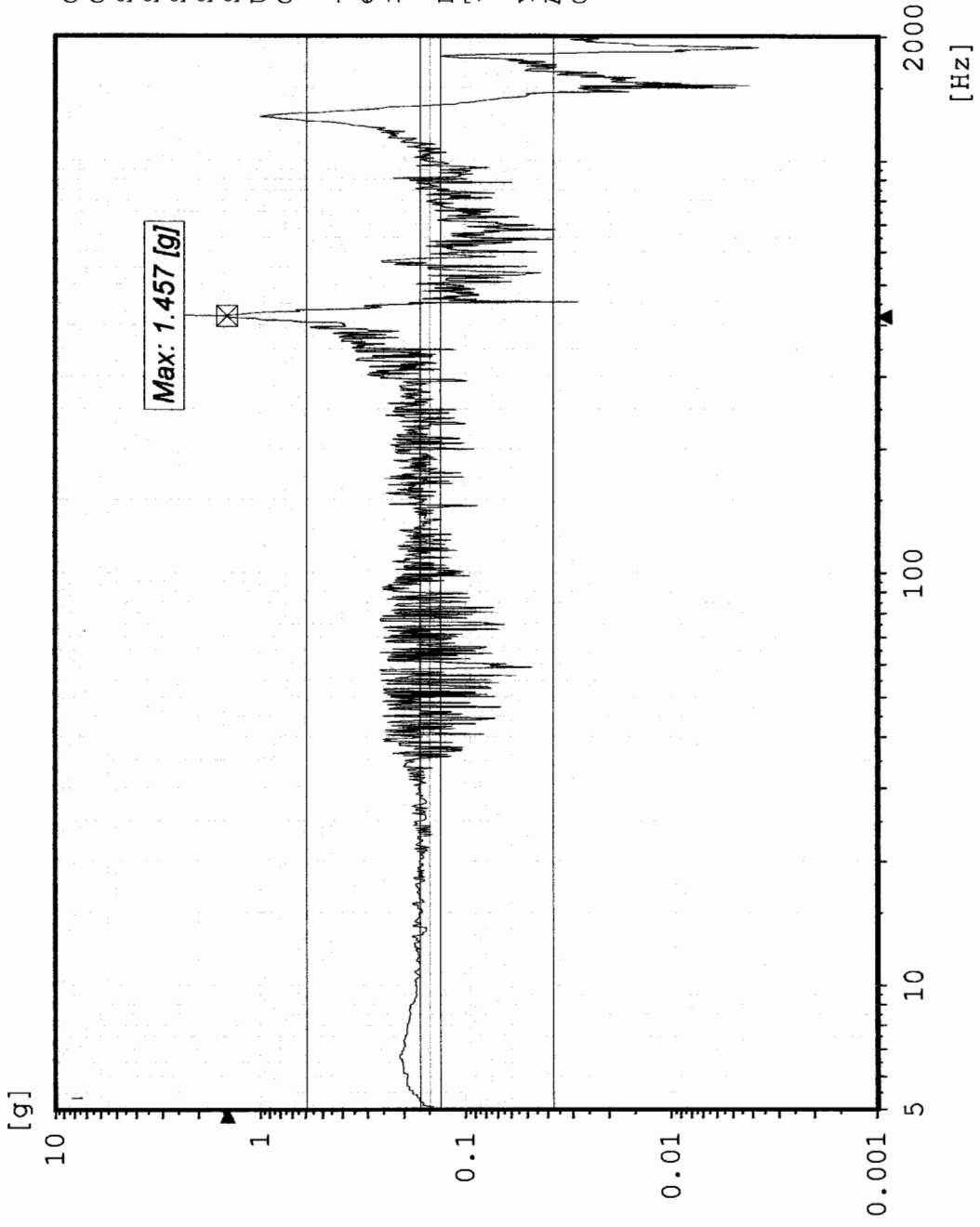
Date: 01-25-05  
Time: 16:27:27

Y - axis Post-Random  
Acceptance Unit 2  
GLAT 1752

Max: 418.7 Hz 1.457 g

# Sine AY1 TEM Edge center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 7  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

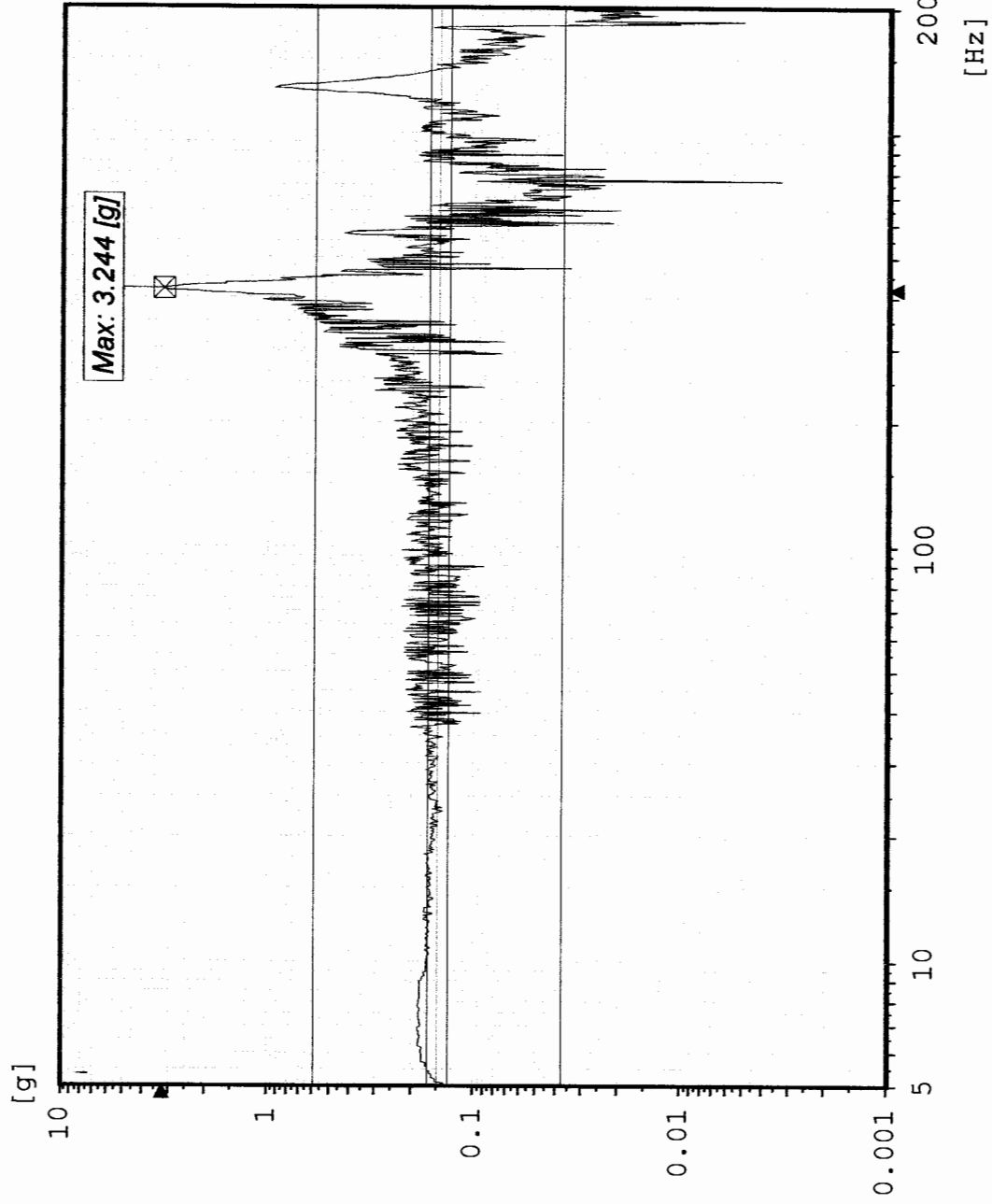
Date: 01-25-05  
 Time: 16:27:27

Y - axis Post-Random  
 Acceptance Unit 2  
 GLAT 1752

Max: 418.7 Hz 3.244 g

### AY2 TPS CG

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 10  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

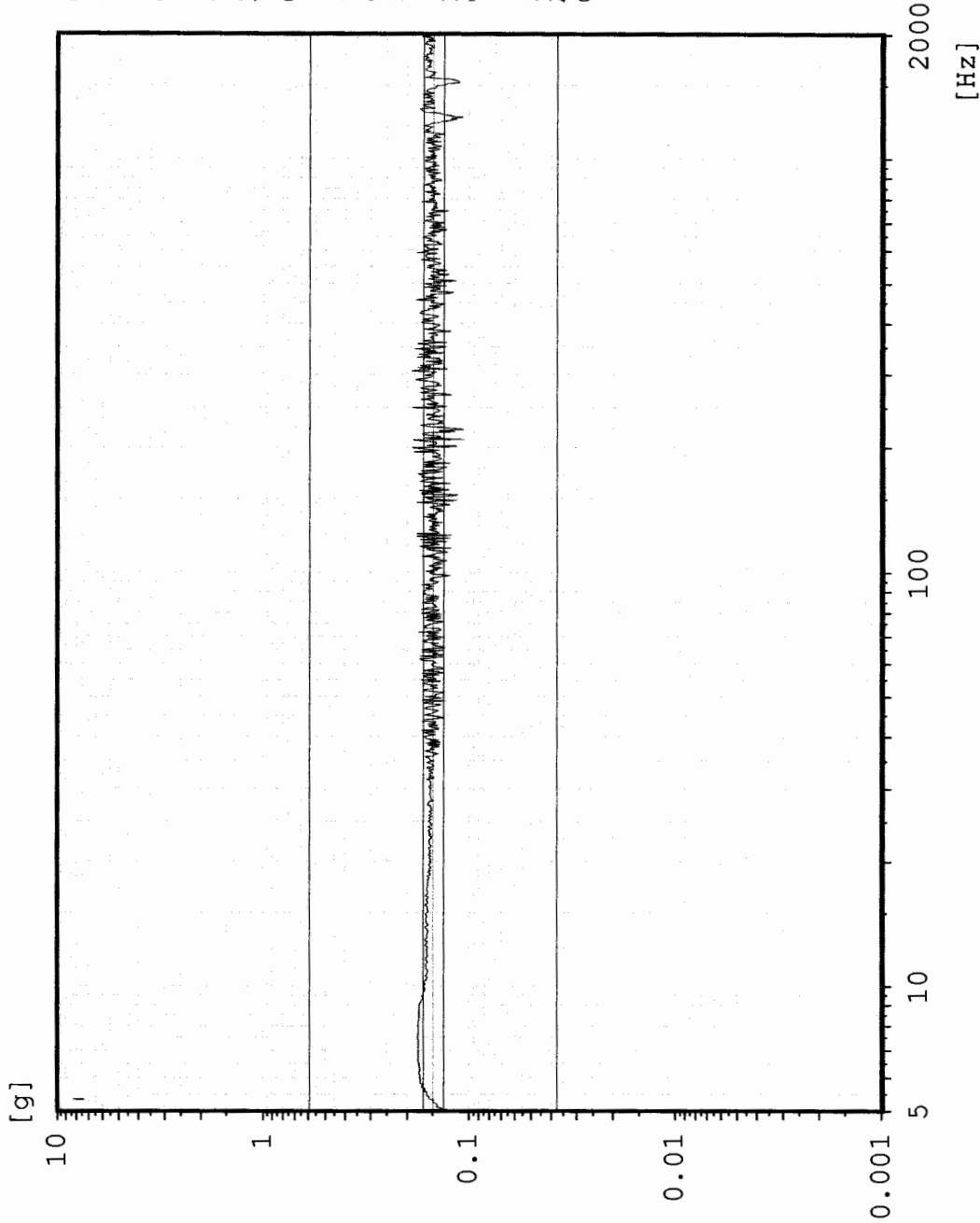
-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 16:27:27

Y - axis Post-Random  
 Acceptance Unit 2  
 GLAT 1752

# Sine CZ1 Control channel

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 1  
Chan.type: CW Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

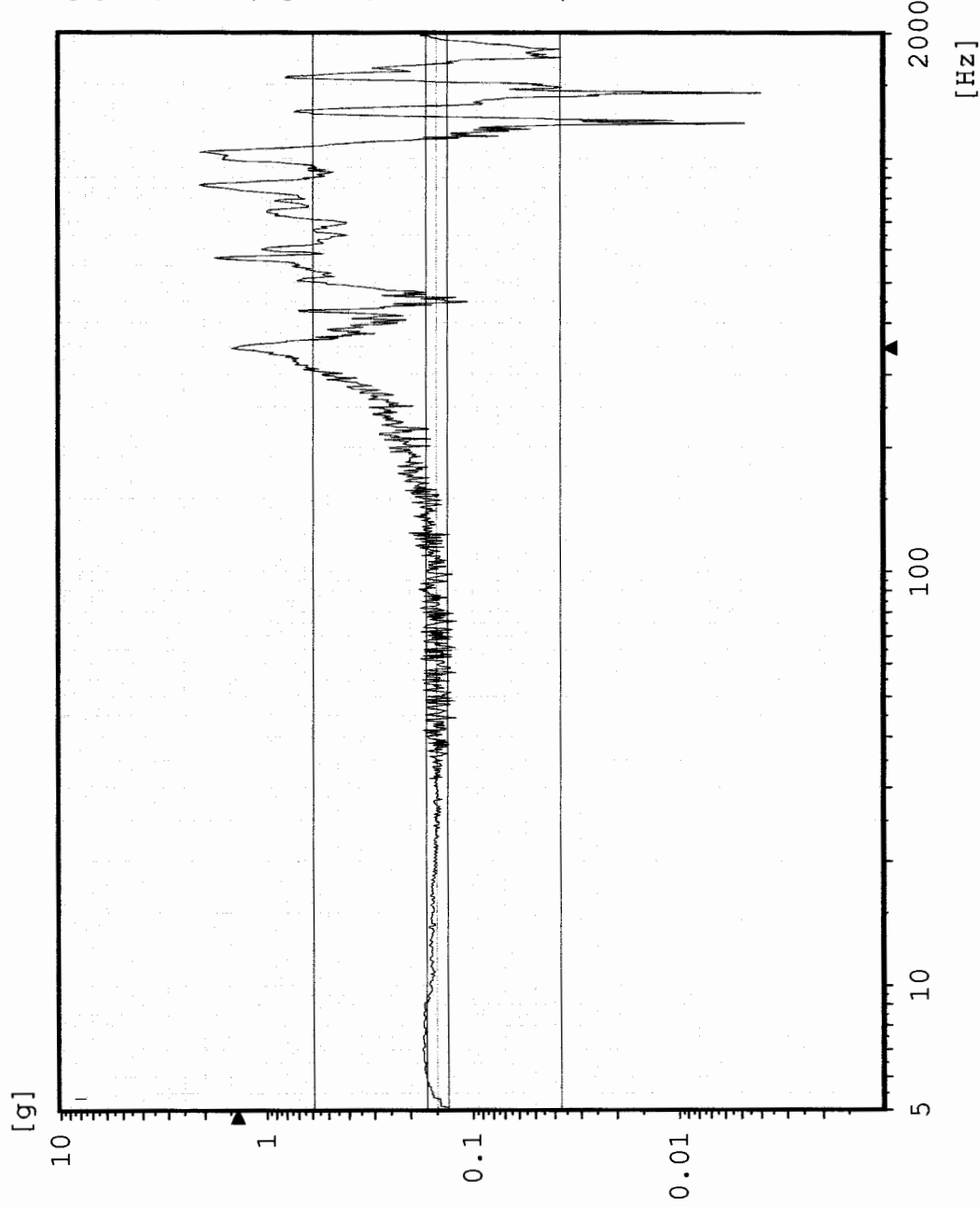
-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 17:29:30

Z - axis Pre-Random  
Acceptance Unit 2  
GLAT 1752

# AZ4 Boss 2

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TFS



Chan.no: 2  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

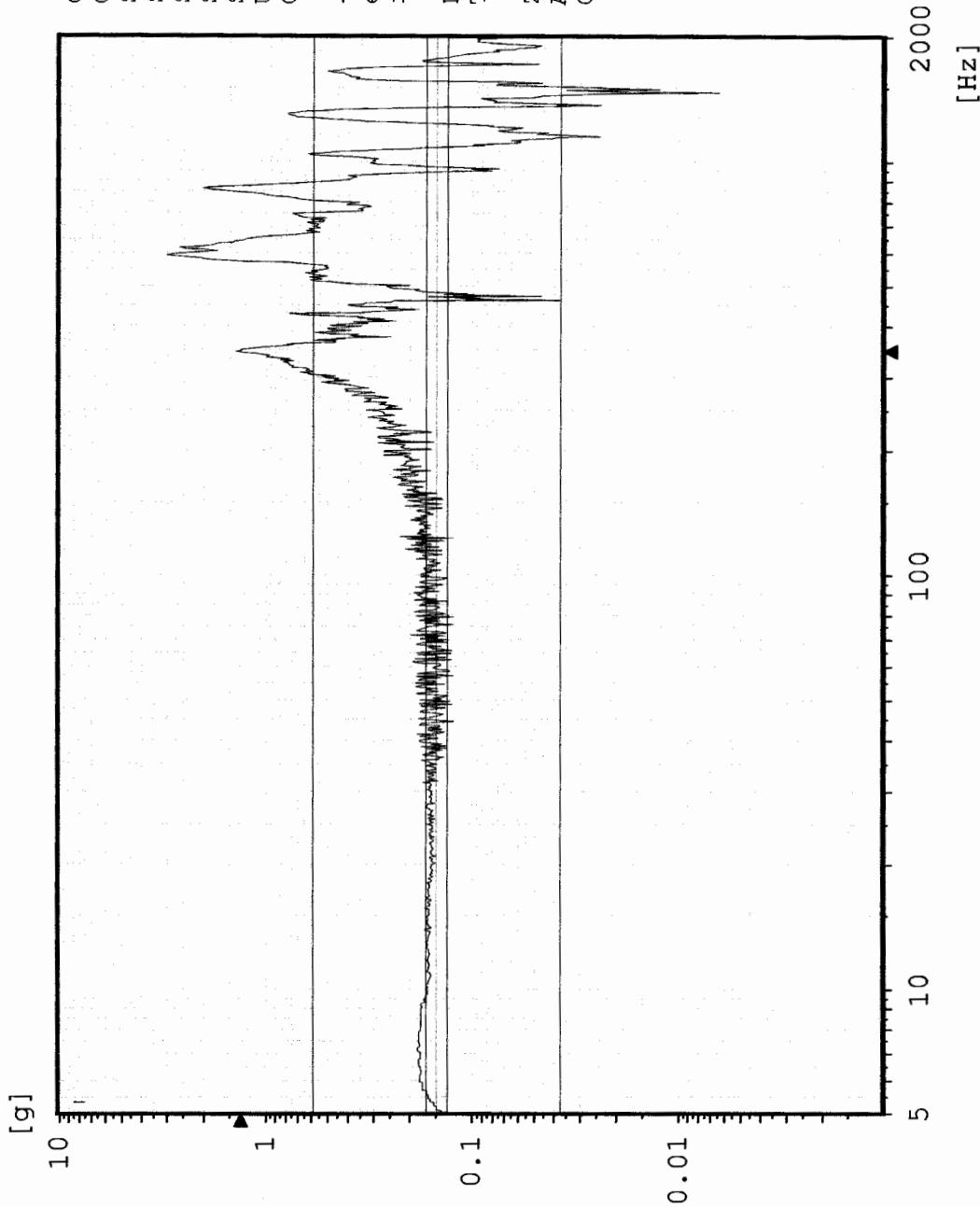
-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:29:30

Z - axis Pre-Random  
 Acceptance Unit 2  
 GIAT 1752

# AZ3 Boss 1

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 3  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

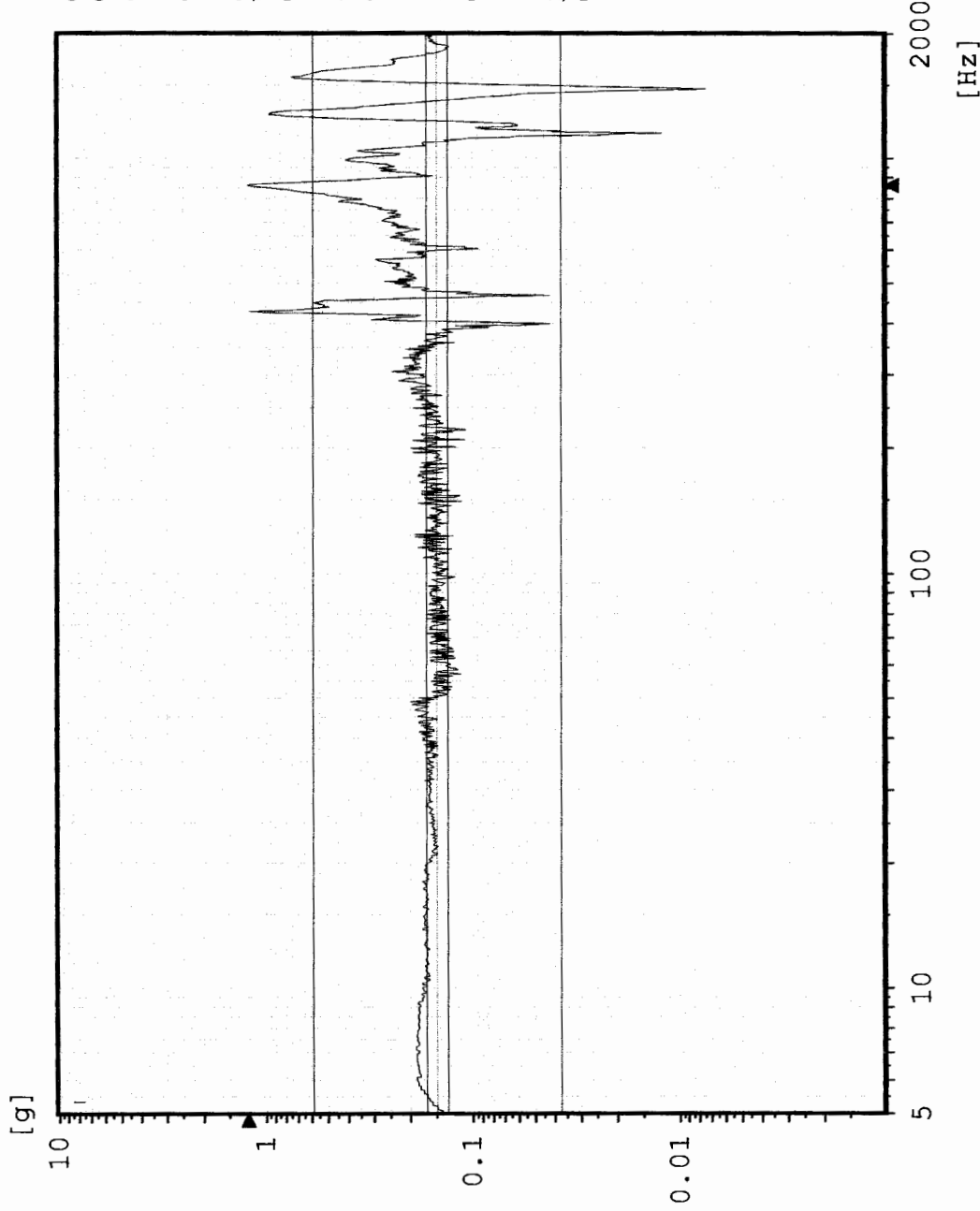
Date: 01-25-05  
 Time: 17:29:30

Z - axis Pre-Random  
 Acceptance Unit 2  
 GIAT 1752



### AZ2 TPS Corner

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 4  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:29:30

Z - axis Pre-Random  
 Acceptance Unit 2  
 GIAT 1752

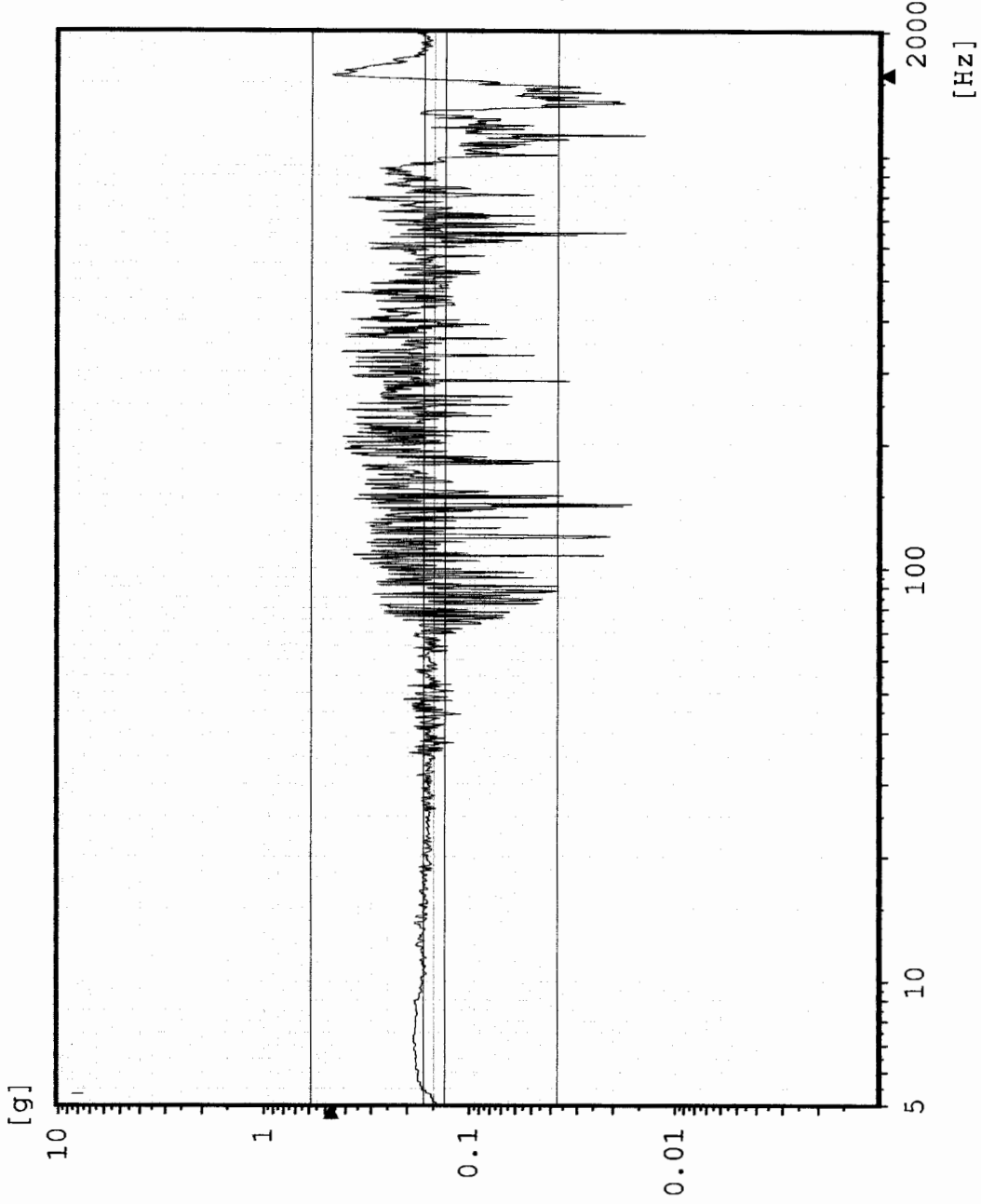
Max: 1573 Hz 0.4742 g

# Sine AZ5 TEM Bottom edge

Stanford Linear Accelerator

J/N 49995.51758

TEM / TPS



Chan.no: 6  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 17:29:30

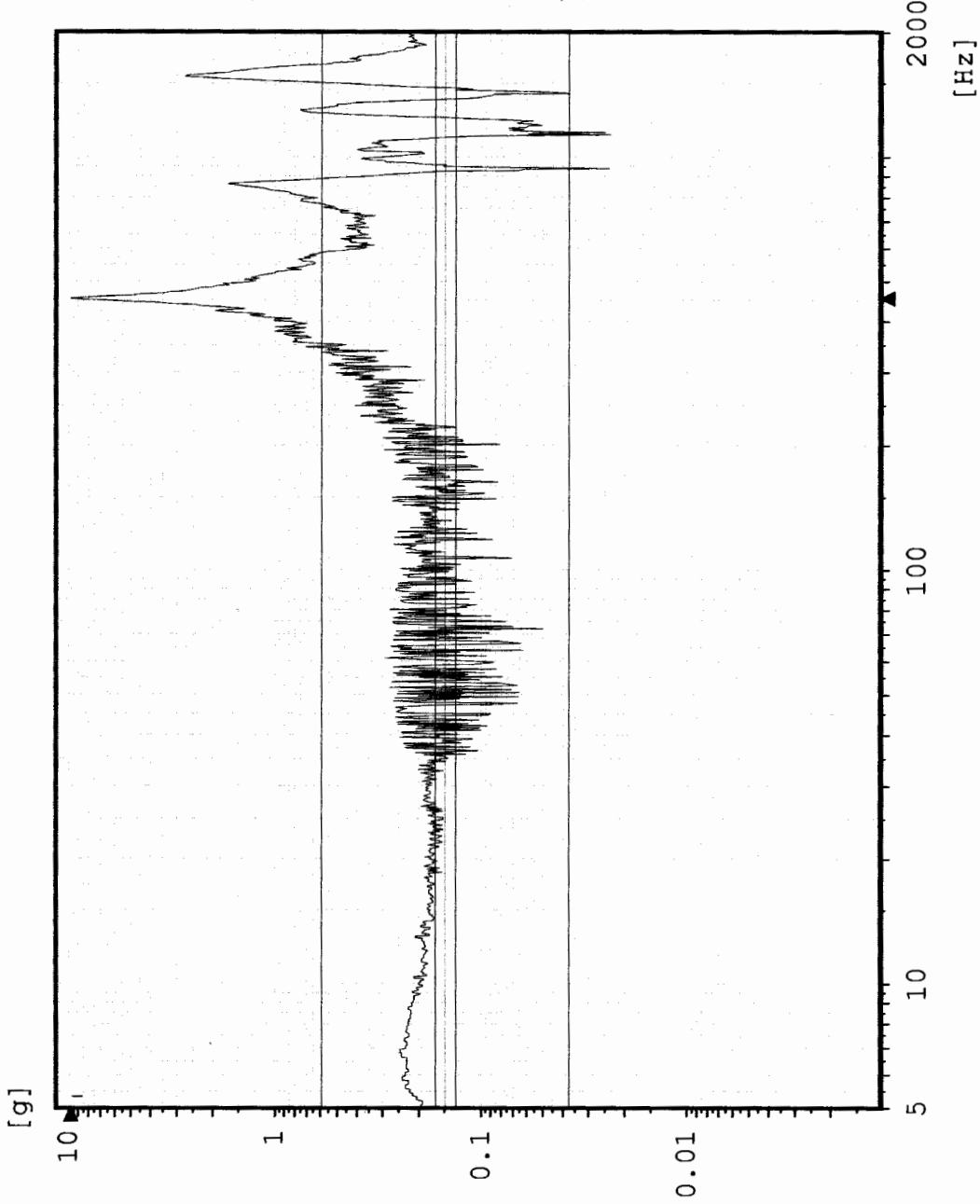
Z - axis Pre-Random  
Acceptance Unit 2  
GIAT 1752

# Sine AZ6 TEM Bottom center

Stanford Linear Accelerator

J/N 49995.51758

TEM / TPS



Chan.no: 7  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:29:30

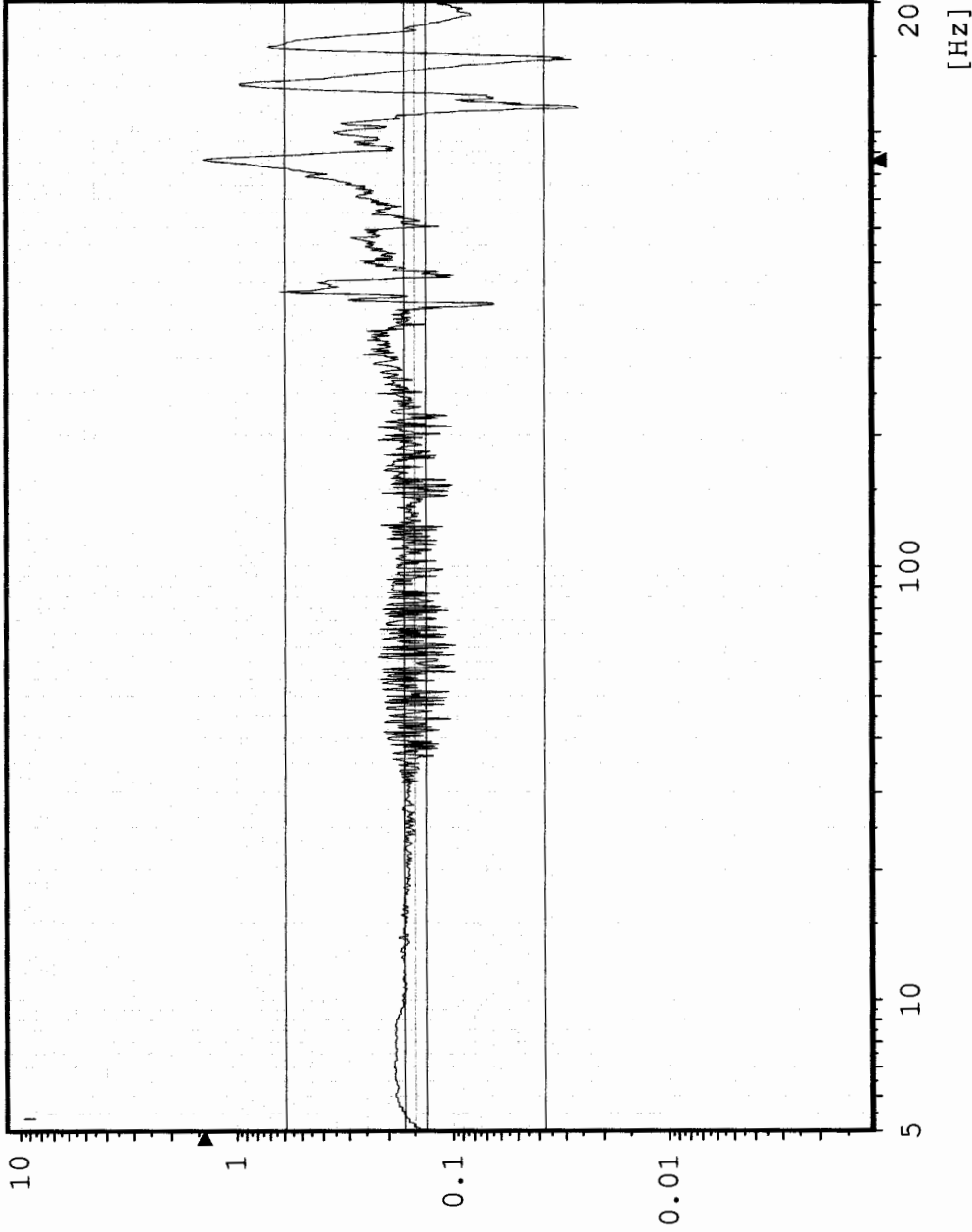
Z - axis Pre-Random  
 Acceptance Unit 2  
 GIAT 1752

# Sine AZ1 TPS Edge center

Stanford Linear Accelerator

J/N 49995.51758

TEM / TPS



Chan.no: 10  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:29:30

Z - axis Pre-Random  
 Acceptance Unit 2  
 GIAT 1752

# CZ1 Control

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



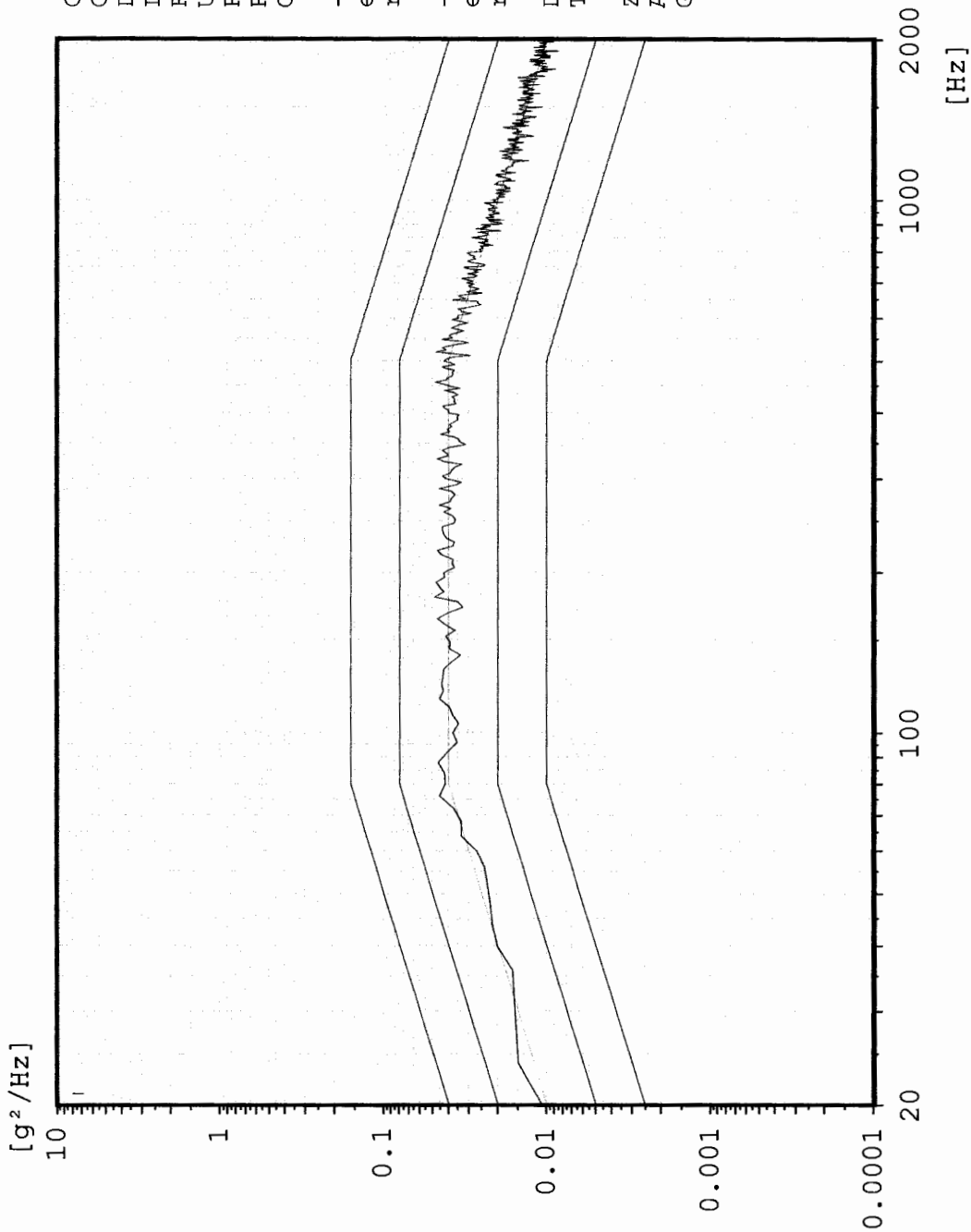
Chan.no: 1  
Chan.type: C  
DOF: 126  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 6.823 g  
RMS (req.): 6.787 g  
Contr.strat.: Closed loop

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

-- Time total --  
elapsed: 000:02:55  
remaining: 000:00:-1

Date: 01-25-05  
Time: 17:50:23

Z - Axis  
Acceptance Unit 2  
GIAT 1752



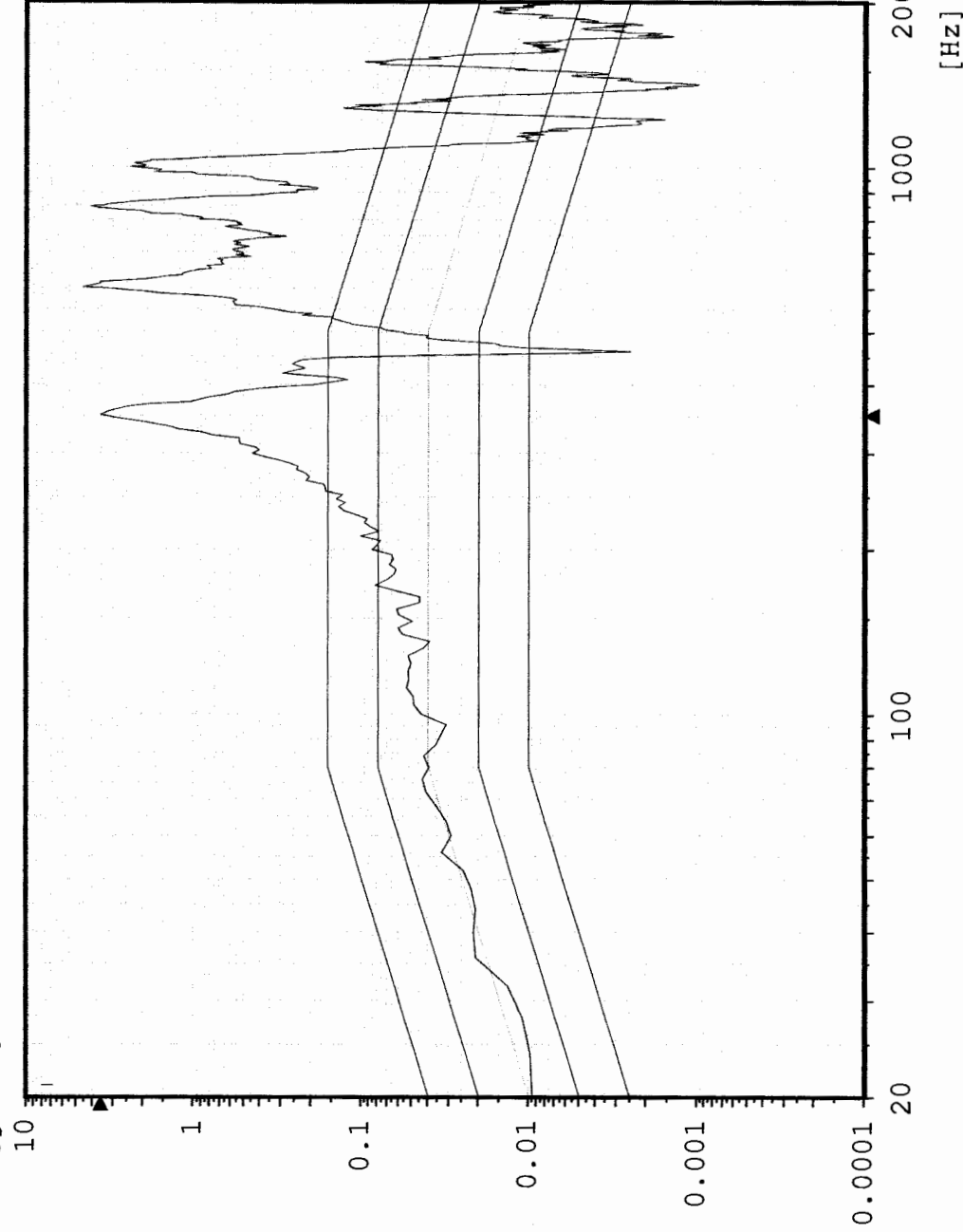
Cursor: 352 Hz 3.593 g<sup>2</sup>/Hz

### AZ4 TPS Boss 2

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



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



Chan.no: 2  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 27.94 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: 000:02:55  
 remaining: 000:00:-1

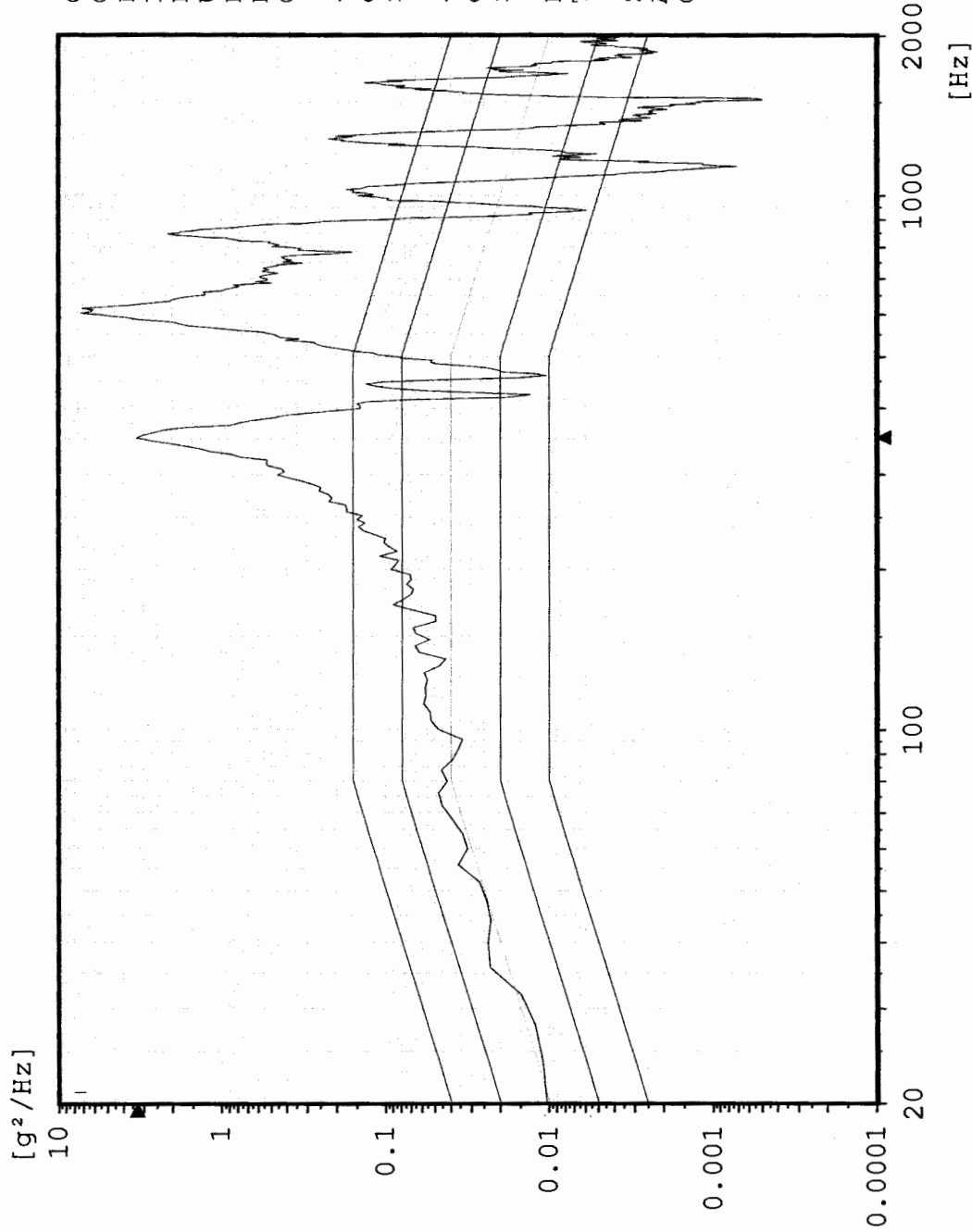
Date: 01-25-05  
 Time: 17:50:23

Z - Axis  
 Acceptance Unit 2  
 GIAT 1752

Cursor: 352 Hz 3.315 g<sup>2</sup>/Hz

### AZ3 TPS Boss 1

Random  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



Chan.no: 3  
Chan.type: M  
DOF: 100  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 26.41 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: 000:02:55  
remaining: 000:00:-1

Date: 01-25-05  
Time: 17:50:23

Z - Axis  
Acceptance Unit 2  
GLAT 1752

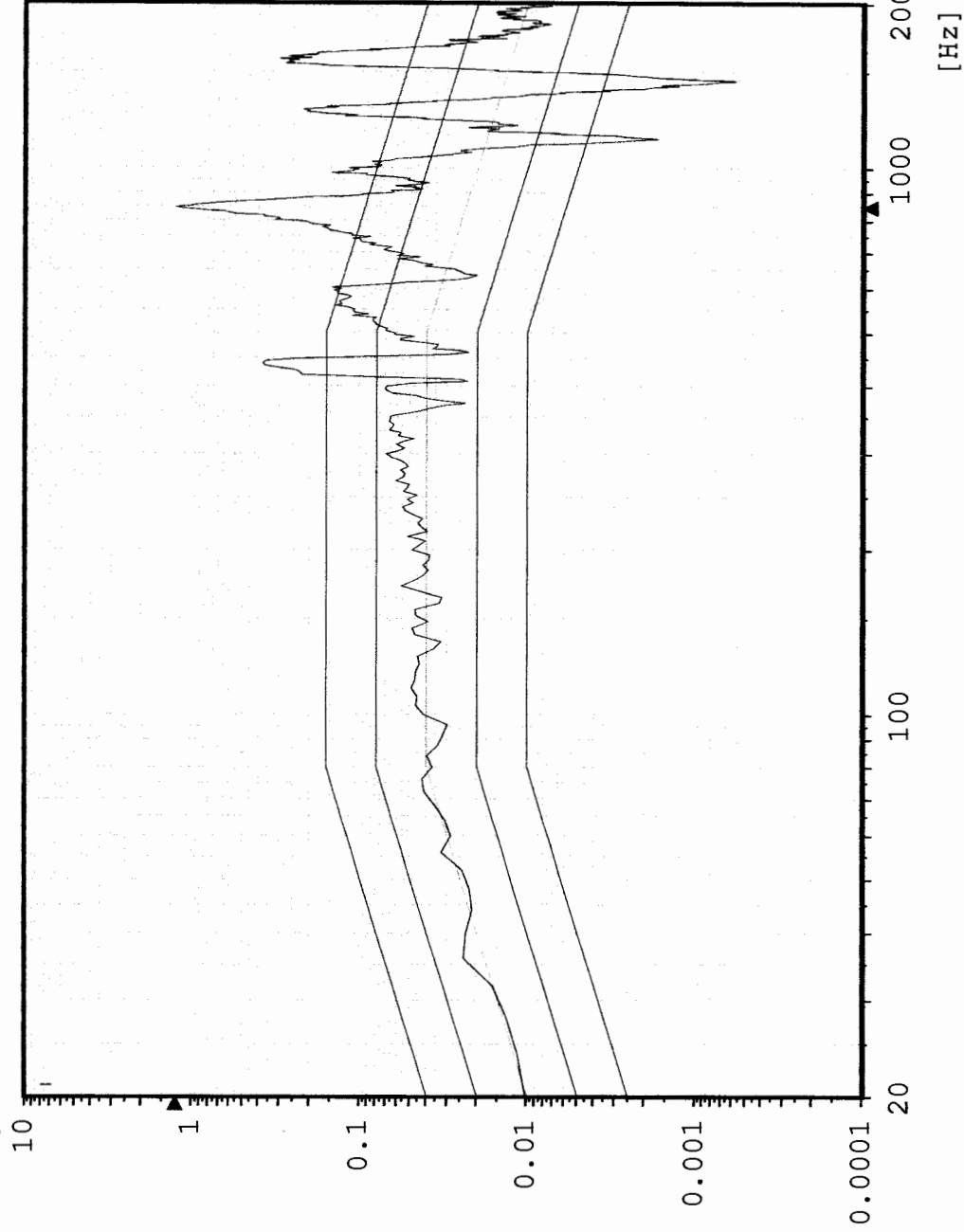
Max: 848 Hz 1.254 g<sup>2</sup>/Hz

### Random AZ2 TPS Corner

Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



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



Chan.no: 4  
Chan.type: M  
DOF: 100  
Level: 0.0 dB  
Resolution: 4 Hz  
Unit: g<sup>2</sup>/Hz  
RMS (act.): 12.92 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: 000:02:55  
remaining: 000:00:-1

Date: 01-25-05  
Time: 17:50:23

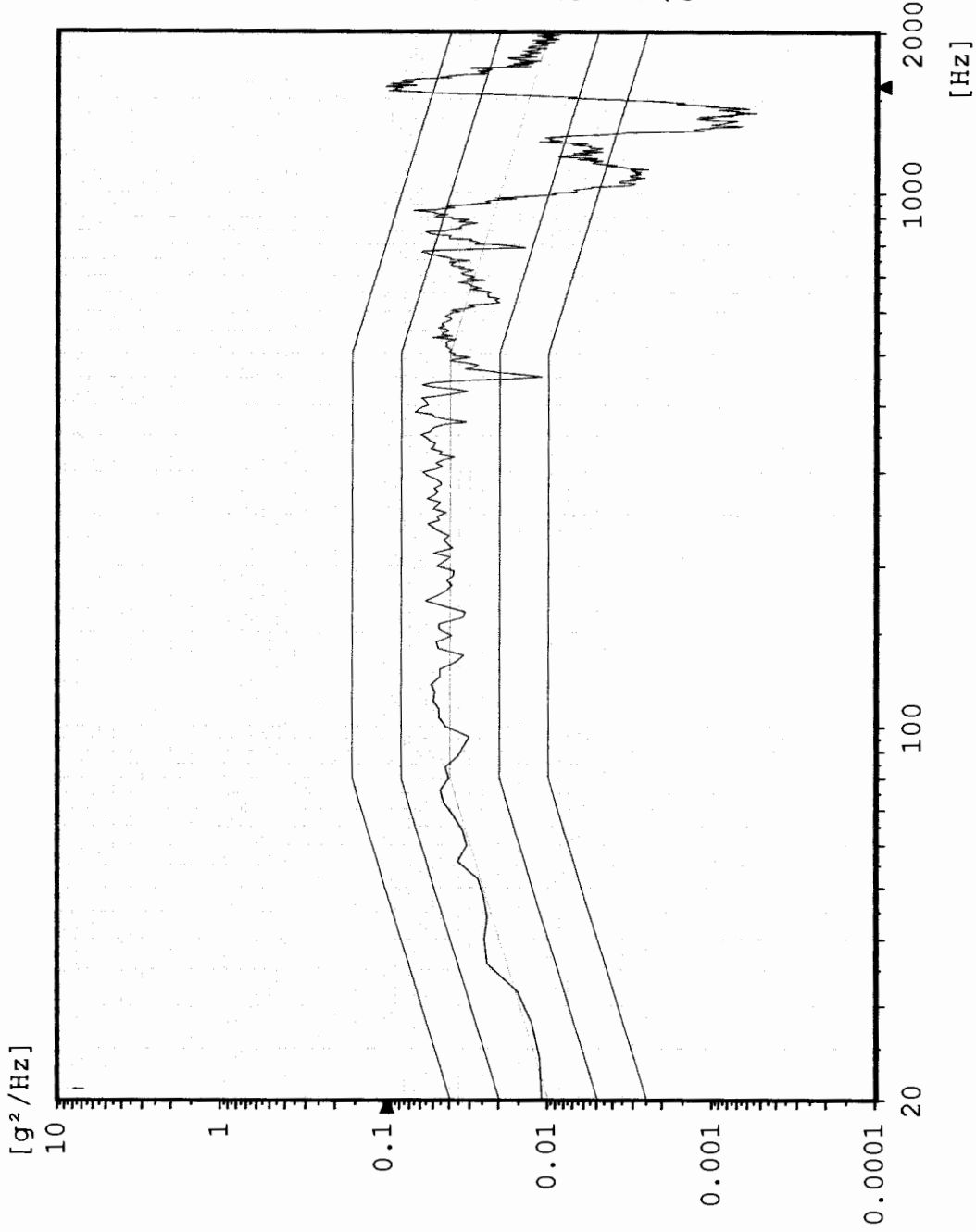
Z - Axis  
Acceptance Unit 2  
GLAT 1752



Cursor: 1584 Hz 0.097 g<sup>2</sup>/Hz

### Random AZ5 TEM Bottom edge

Stanford Linear Accelerator  
J/N 49995.51758  
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.): 7.376 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: 000:02:55  
remaining: 000:00:-1

Date: 01-25-05  
Time: 17:50:23

Z - Axis  
Acceptance Unit 2  
GLAT 1752

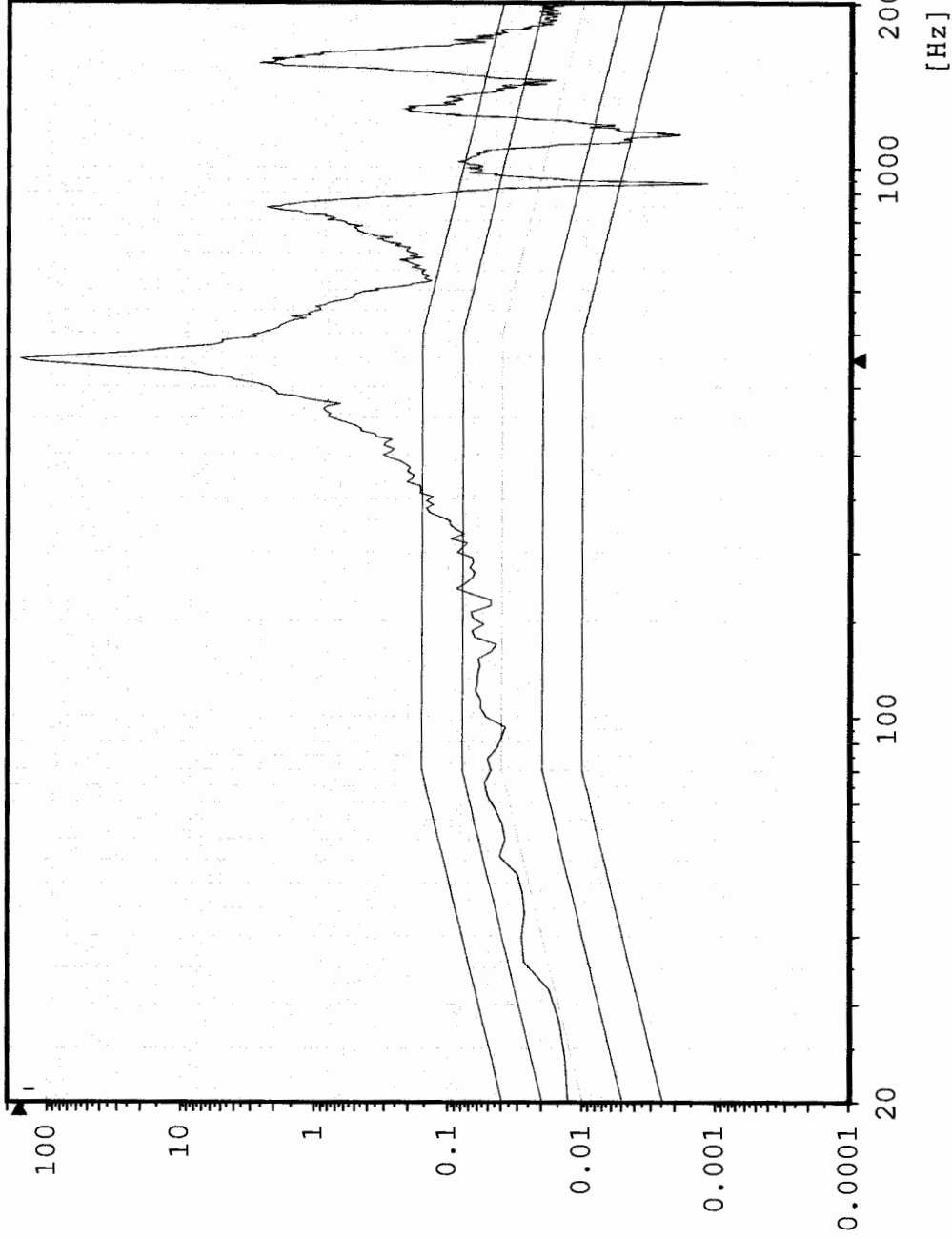
Max: 448 Hz 161.2 g<sup>2</sup>/Hz

### Random AZ6 TEM Bottom center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM & TPS



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



Chan.no: 7  
 Chan.type: M  
 DOF: 100  
 Level: 0.0 dB  
 Resolution: 4 Hz  
 Unit: g<sup>2</sup>/Hz  
 RMS (act.): 59.86 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: 000:02:55  
 remaining: 000:00:-1

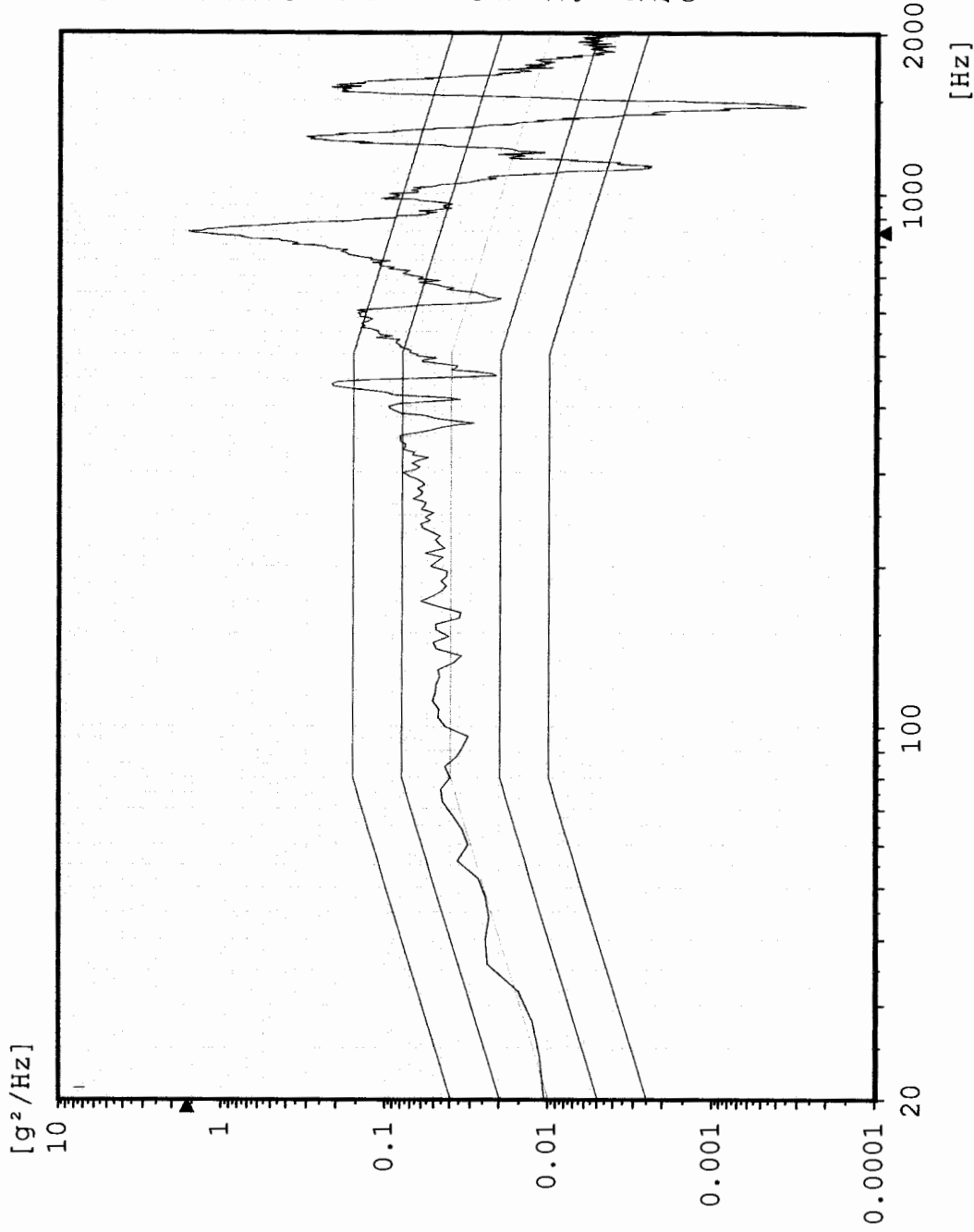
Date: 01-25-05  
 Time: 17:50:23

Z - Axis  
 Acceptance Unit 2  
 GLAT 1752

Max: 848 Hz 1.621 g<sup>2</sup>/Hz

### Random AZ1 TPS Edge center

Stanford Linear Accelerator  
J/N 49995.51758  
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.): 13.27 g  
RMS (req.): 6.787 g  
Contr.strat.: Closed loop

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

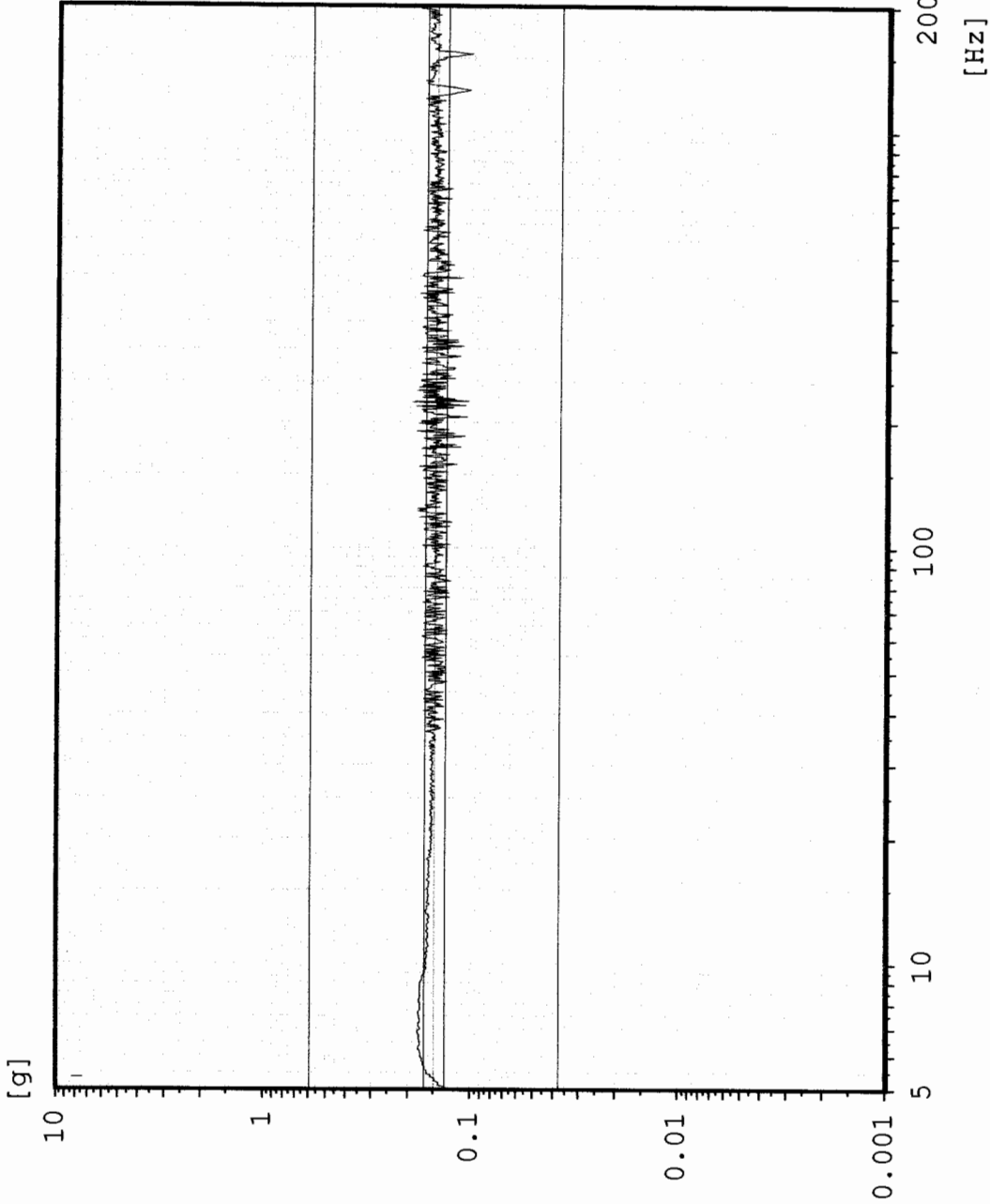
-- Time total --  
elapsed: 000:02:55  
remaining: 000:00:-1

Date: 01-25-05  
Time: 17:50:23

Z - Axis  
Acceptance Unit 2  
GLAT 1752

# Sine CZ1 Control channel

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 1  
Chan.type: CW Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

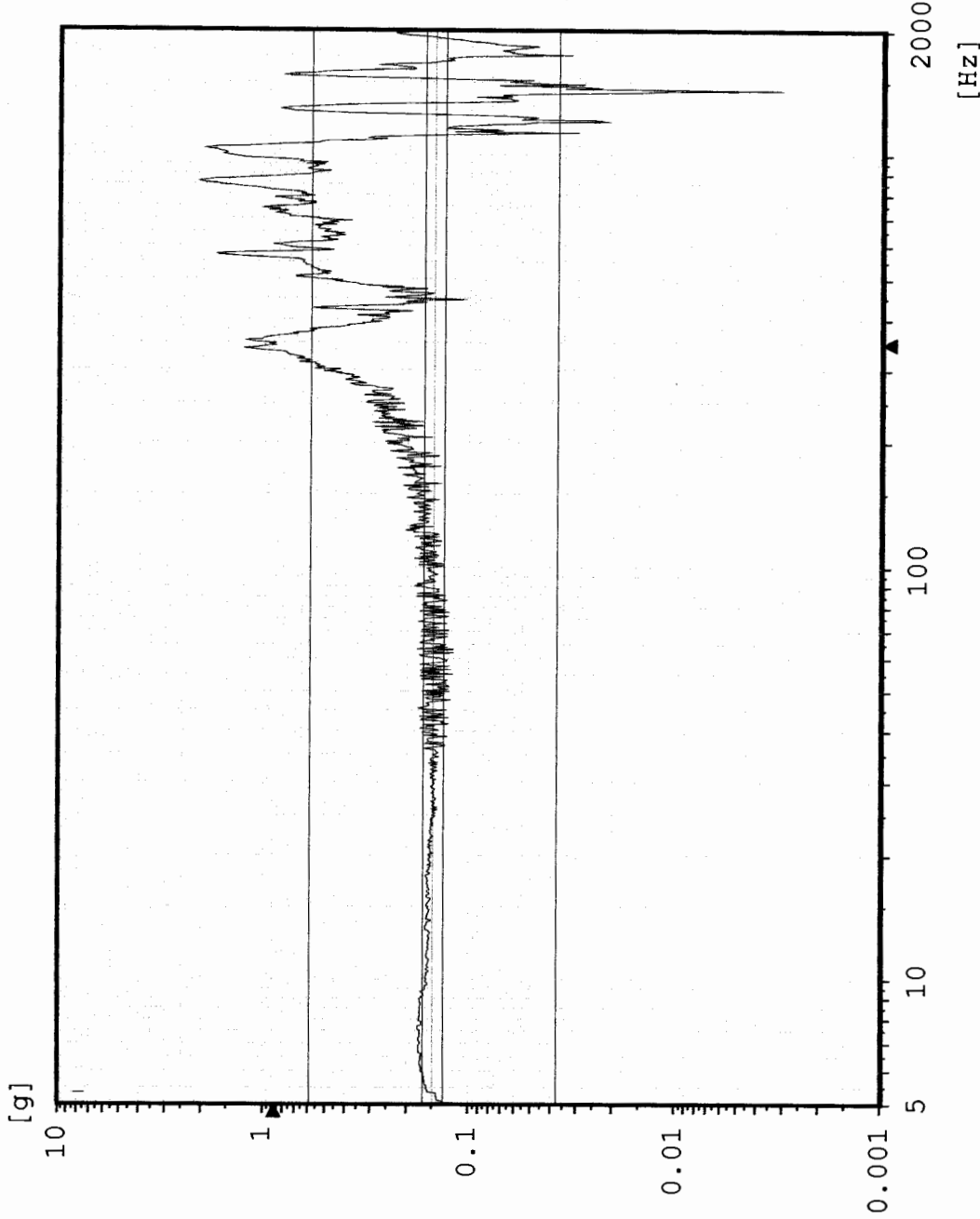
-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 17:59:19

Z - axis Post-Random  
Acceptance Unit 2  
GLAT 1752

# AZ4 Boss 2

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 2  
Chan.type: M Filtered  
Sweep type: logarithmic  
Sweeps done: 1  
Sweeps req.: 1  
Sweep direct.: up  
Sweep rate: 4.00 Oct/min  
Unit: g  
Contr.strat.: Closed loop

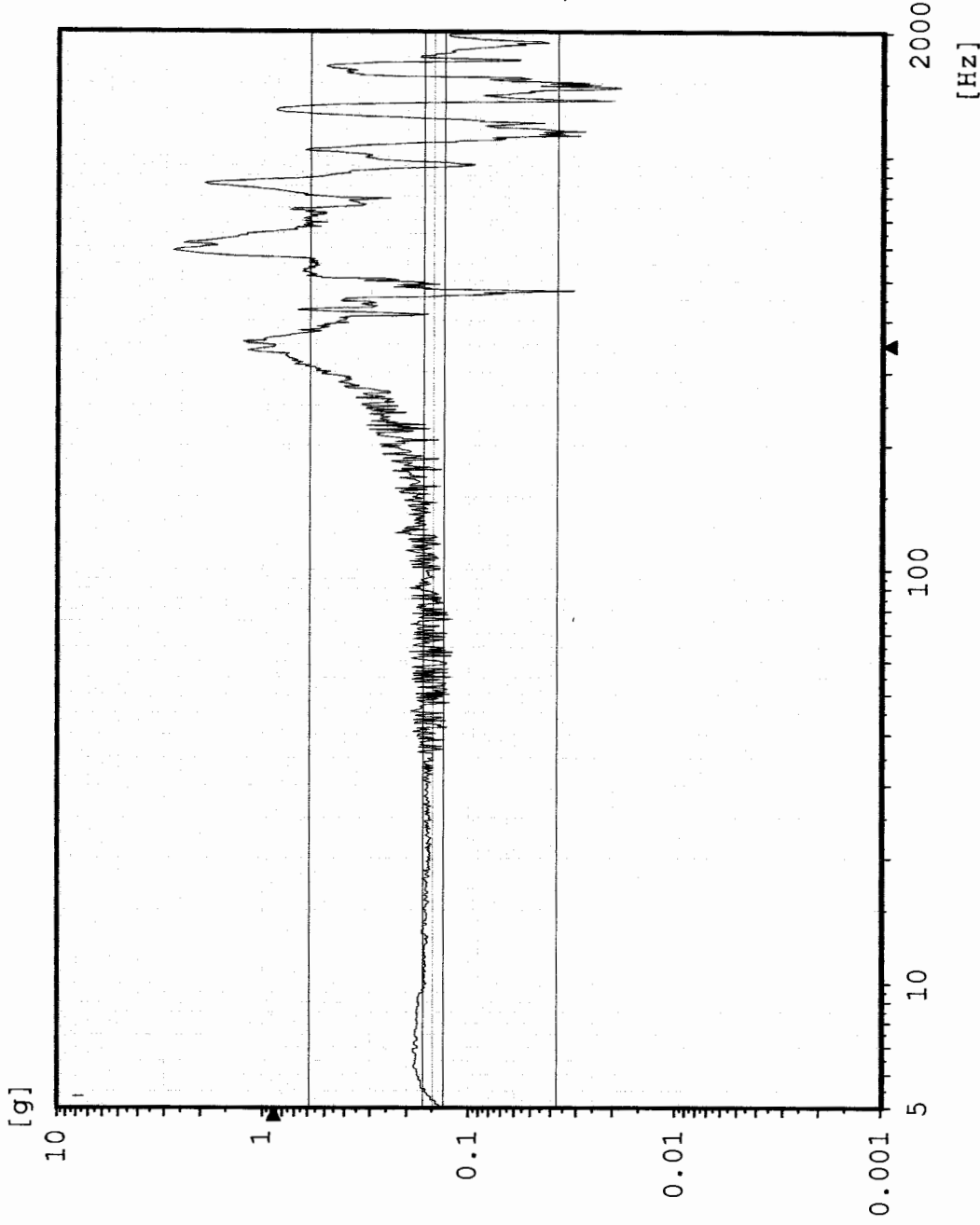
-- Testing time --  
elapsed: 000:02:09  
remaining: 000:00:00

Date: 01-25-05  
Time: 17:59:19

Z - axis Post-Random  
Acceptance Unit 2  
GLAT 1752

# AZ3 Boss 1

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 3  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

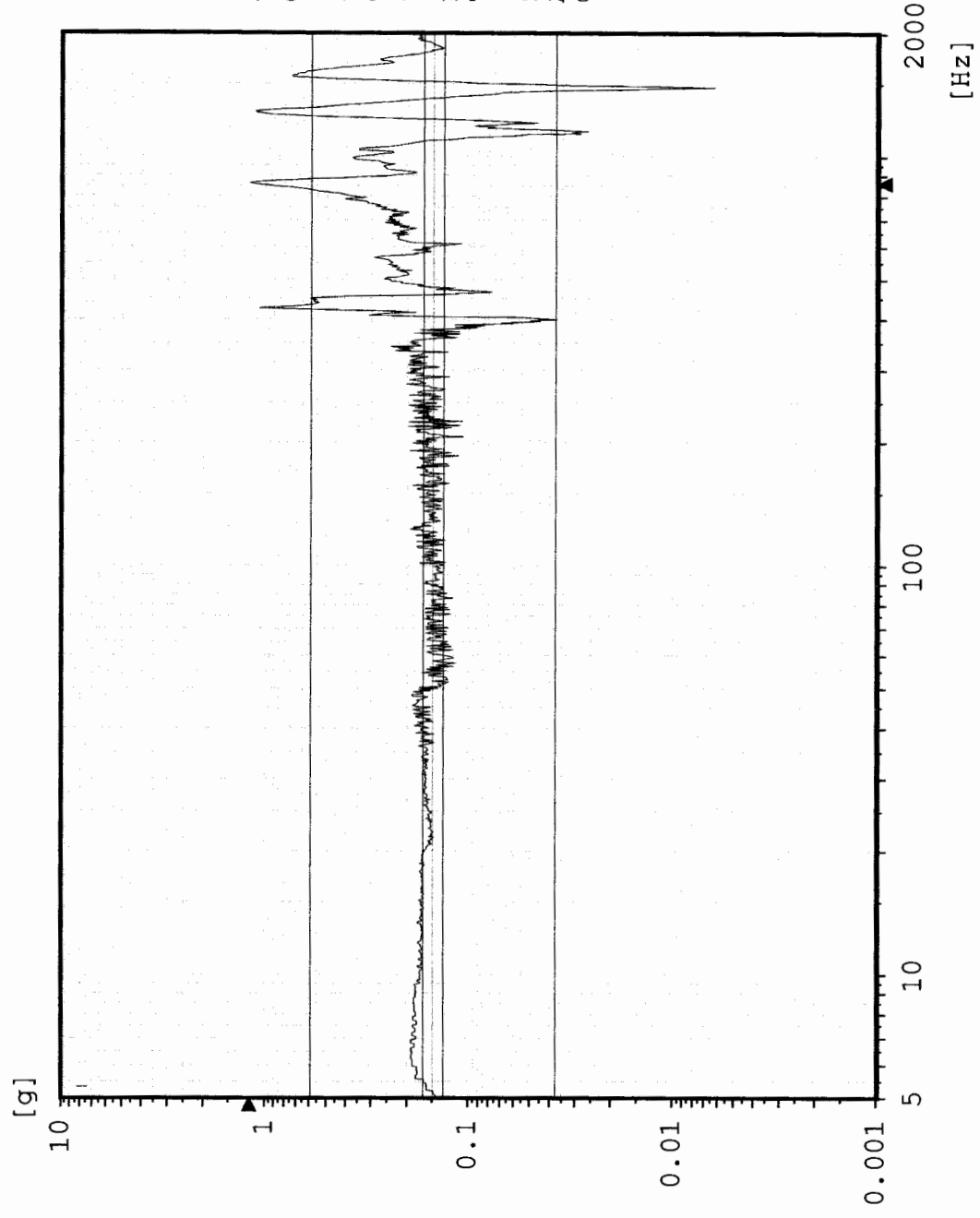
-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:59:19

Z - axis Post-Random  
 Acceptance Unit 2  
 GLAT 1752

### AZ2 TPS Corner

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 4  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

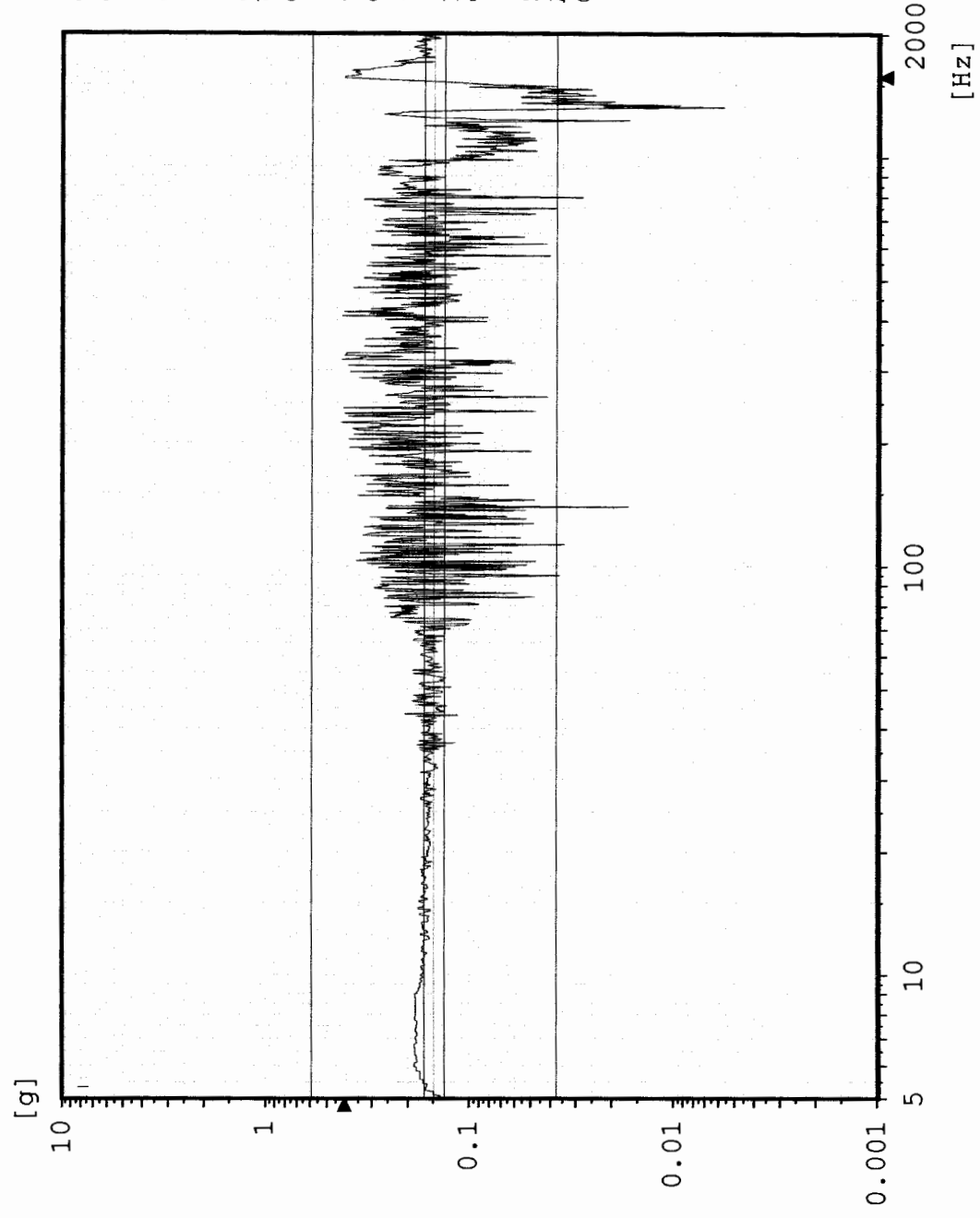
-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:59:19

Z - axis Post-Random  
 Acceptance Unit 2  
 GIAT 1752

# AZ5 TEM Bottom edge

Sine  
Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 6  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

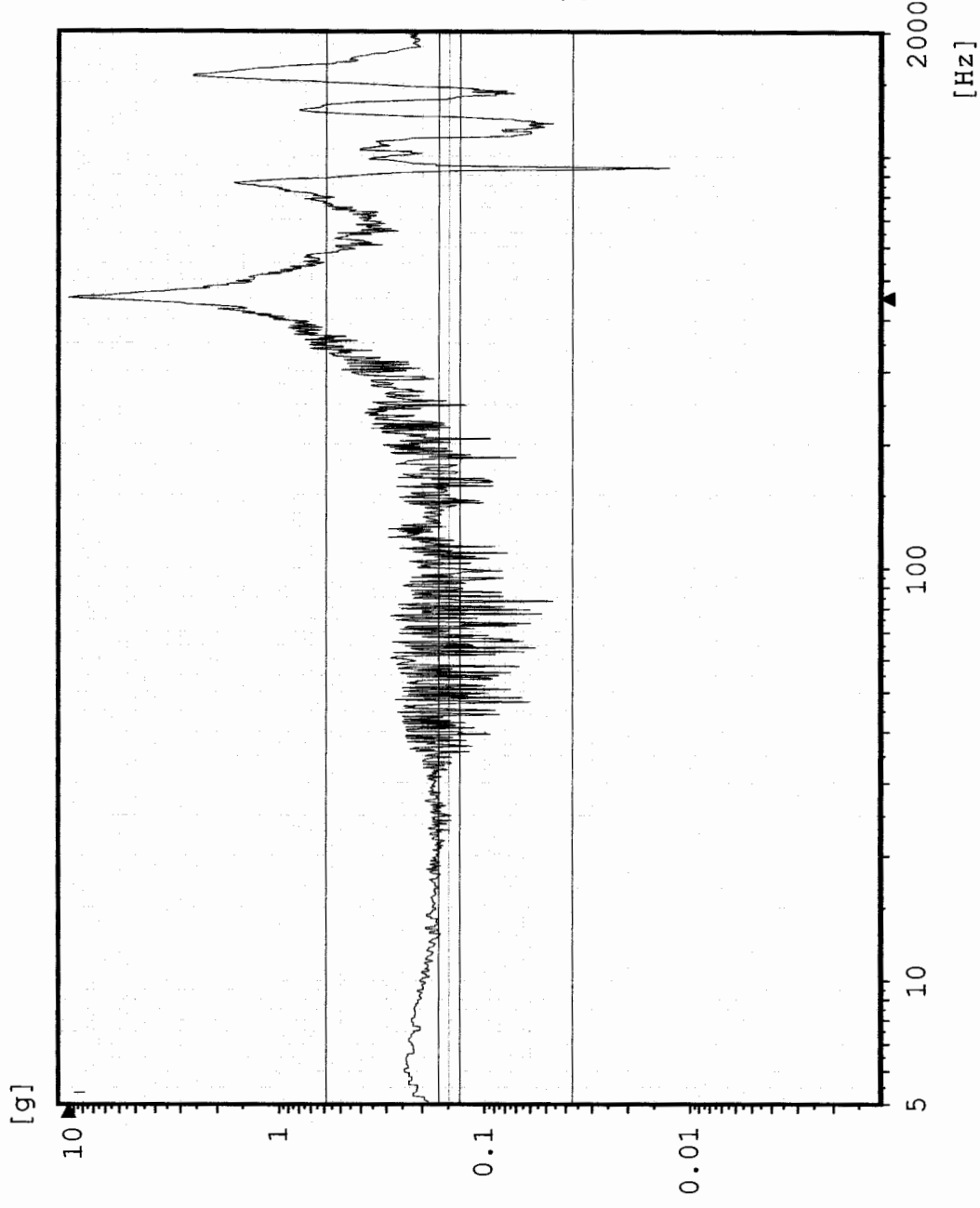
Date: 01-25-05  
 Time: 17:59:19

Z - axis Post-Random  
 Acceptance Unit 2  
 GIAT 1752



# Sine AZ6 TEM Bottom center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 7  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

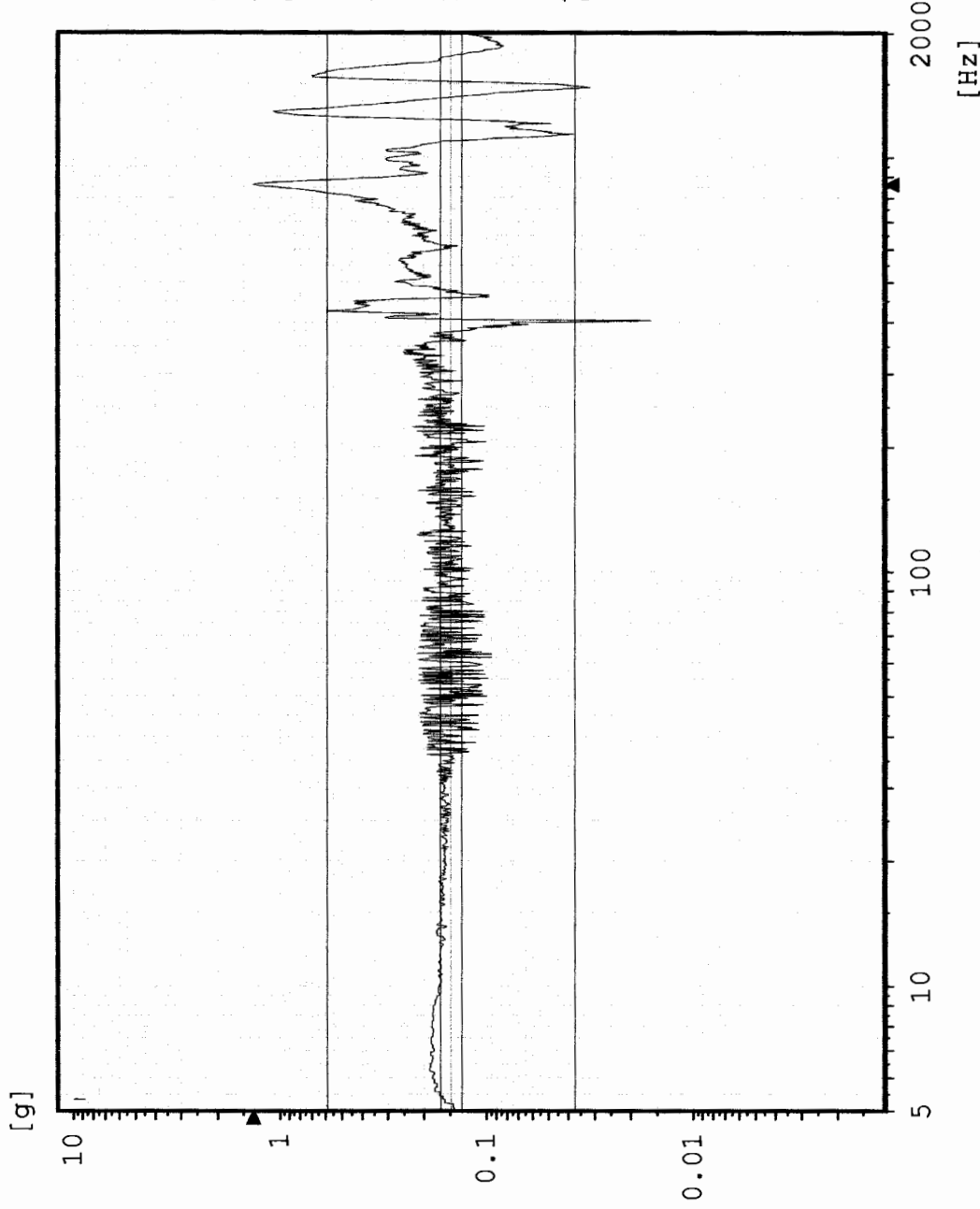
-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:59:19

Z - axis Post-Random  
 Acceptance Unit 2  
 GIAT 1752

# Sine AZ1 TPS Edge center

Stanford Linear Accelerator  
J/N 49995.51758  
TEM / TPS



Chan.no: 10  
 Chan.type: M Filtered  
 Sweep type: logarithmic  
 Sweeps done: 1  
 Sweeps req.: 1  
 Sweep direct.: up  
 Sweep rate: 4.00 Oct/min  
 Unit: g  
 Contr.strat.: Closed loop

-- Testing time --  
 elapsed: 000:02:09  
 remaining: 000:00:00

Date: 01-25-05  
 Time: 17:59:19

Z - axis Post-Random  
 Acceptance Unit 2  
 GIAT 1752