

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

DATE
6/29/05

VIA
U.S. MAIL

ATTN: DAVID TARKINGTON

SHIP FROM
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
~~XXXXXXXXXXXXXXXXXXXX~~
5452 BETSY ROSS DRIVE
SANTA CLARA, CA 95054
408/764-5500

CUSTOMER ORDER NO SLAC0000056030	JOB NUMBER 49995.52057	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>2 EACH TEM & TPS (SEE INITIAL VISUAL)</p> <p>POST RANDOM AND SINE VIBRATION TESTING PER CUSTOMER INSTRUCTION</p>

CERTIFICATE OF CONFORMANCE

This is to certify that test data and/or certifications proving 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

SHIPMENT AUTHORIZED BY:

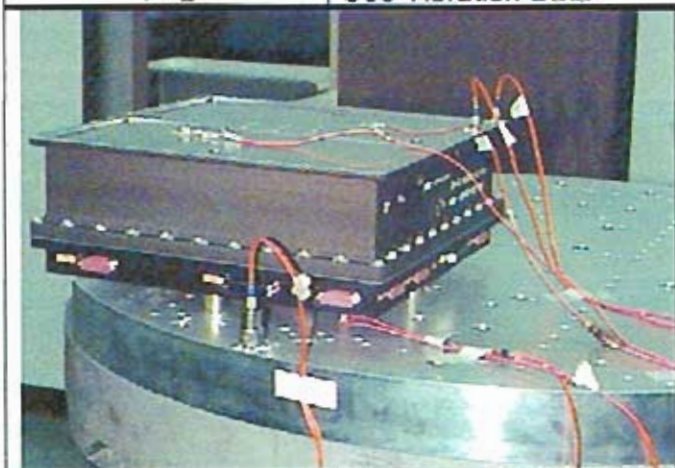
RECEIVED BY **Mail**

DATE **6/29/05**

NAME **T. KLAWITTER**

TEST DATA

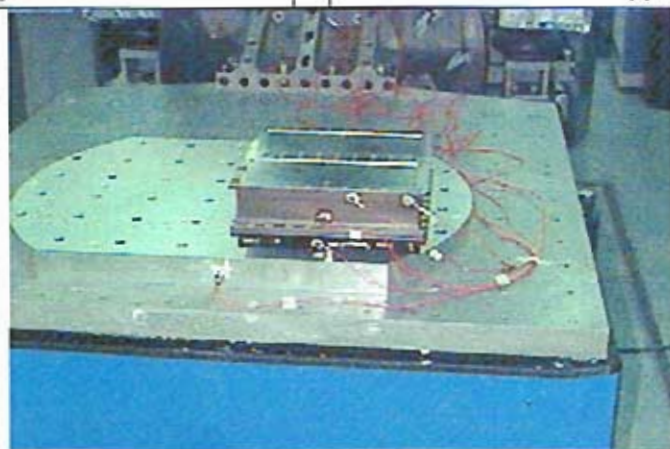
DATE STARTED 06-20-05	CUSTOMER Stanford Linear Accelerator	TECHNICIAN (SIGNATURE) <i>D. Wiltshire</i> WSC 1-27
DATE COMPLETED 06-20-05	SPECIMEN DESCRIPTION TEM & TPS { See Initial Visual }	ENGINEER (SIGNATURE) <i>Sydney Chesney</i> WSC 0-02
TEMPERATURE 73°F	TYPE OF TEST SET-UP - Detail	ENGINEER <i>Sydney Chesney</i>
HUMIDITY 38% R.H.	MANUFACTURER Stanford Linear Accelerator	JOB NUMBER 49995.52057
SPECIMEN NUMBER 1 - 2	TEST SPECIFICATION See Vibration Data	



Z - Axis



X - Axis



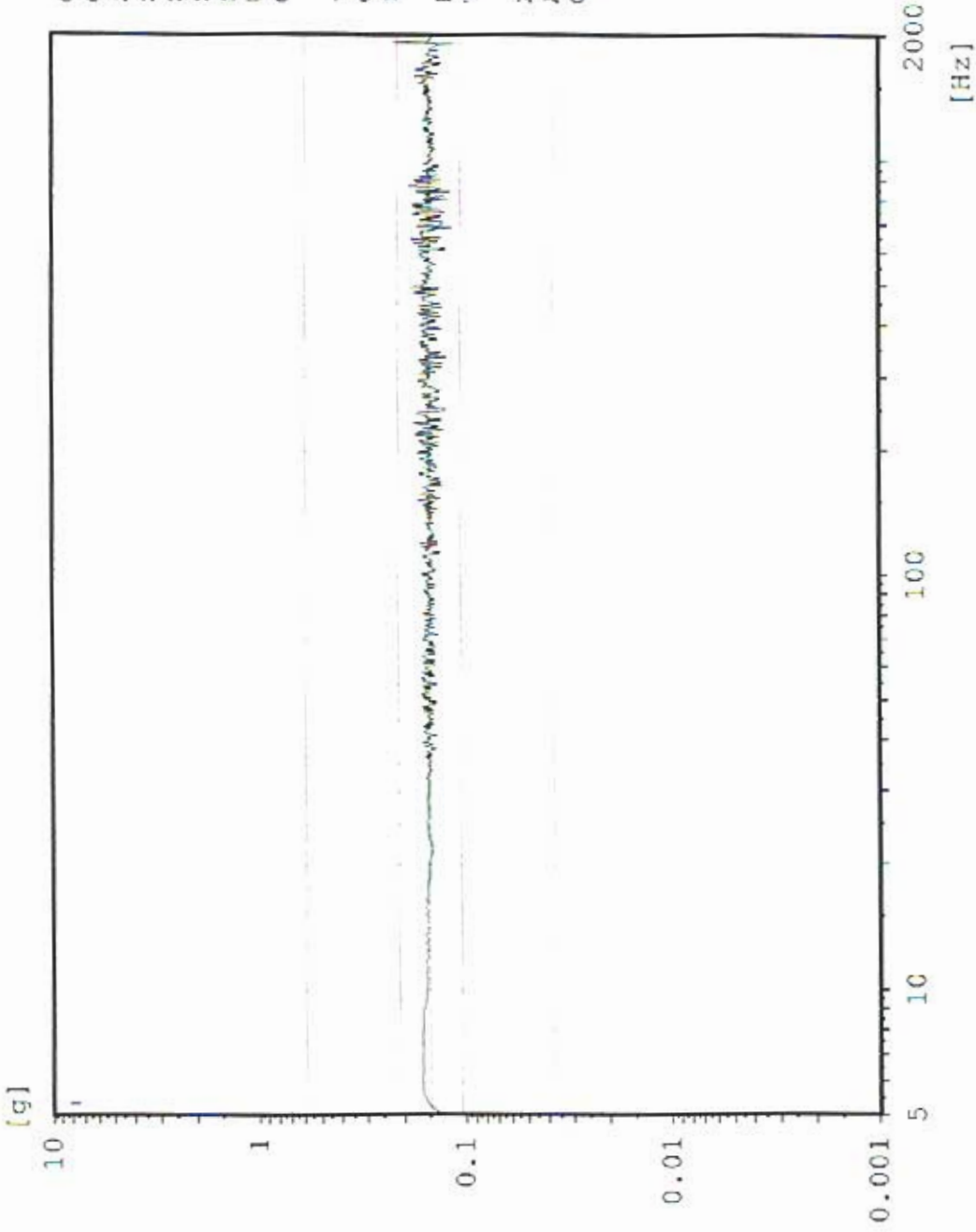
Y - Axis

TEST DATA

DATE STARTED 06-20-05		CUSTOMER Stanford Linear Accelerator			TECHNICIAN (SIGNATURE) <i>D. Wiltshire</i> WSG 1-21	
DATE COMPLETED 06-20-05		SPECIMEN DESCRIPTION TEM / TPS { See Initial Visual }			ENGINEER (SIGNATURE) <i>Sime Chesney</i> WSG 0-02	
TEMPERATURE 73°F		TYPE OF TEST VIBRATION - Sine and Random - Non-Op.			ENGINEER <i>Sime Chesney</i>	
HUMIDITY 38% R.H.		MANUFACTURER Stanford Linear Accelerator			JOB NUMBER 49995.52057	
SPECIMEN NUMBER 1 & 2		TEST SPECIFICATION SLAC LAT-TD-05649 & Customer Instruction				
SPECIMEN NUMBER	DATE	AXIS	TIME START	TIME STOP	VIBRATION FREQUENCIES AND LEVELS	REMARKS
-	06-20-05	X	0921	+0:04:18	Sine - Search 20 - 2000Hz @ 0.15g 2 octaves / minute 1 sweep up / axis	Sine Search: Fixture Only
1		X	0948	+0:04:18		Sine Search
		X	1004	+0:01:00	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	Random Accept.
		X	1015	+0:04:18		Sine Search
		Y	1038	+0:04:18		Sine Search
		Y	1054	+0:01:00		Random Accept.
1		Y	1100	+0:04:18		Sine Search
2		X	1141	+0:04:18		Sine Search
		X	1157	+0:01:00		Random Accept.
		X	1205	+0:04:18		Sine Search
		Y	1226	+0:04:18	Sine Search	
		Y	1237	+0:01:00	Random Accept.	
		Y	1244	+0:04:18	Sine Search	
2	06-20-05	Z	1435	+0:04:18		Sine Search

Sine CX1 X-Axis Control

Stanford Linear Accelerator
J/N 49995.52057
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: 006:04:18
remaining: 000:00:00

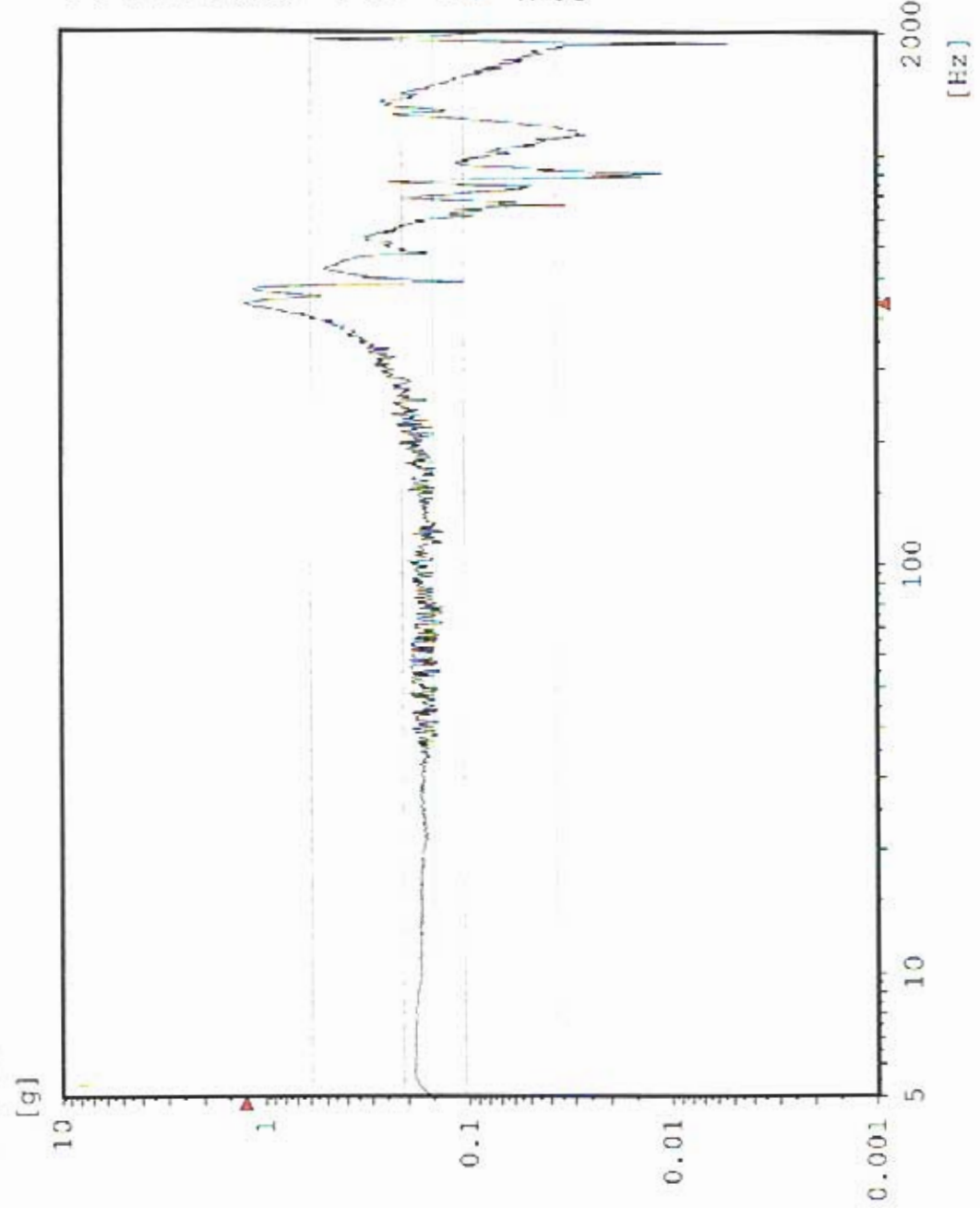
Date: 06-20-05
Time: 11:45:53

X - axis Pre Random
Acceptance Unit
GLAT 1840

AX3 TPS top center

Sine

Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 11:45:53
 X - axis Pre Random
 Acceptance Unit
 GLAT 1840

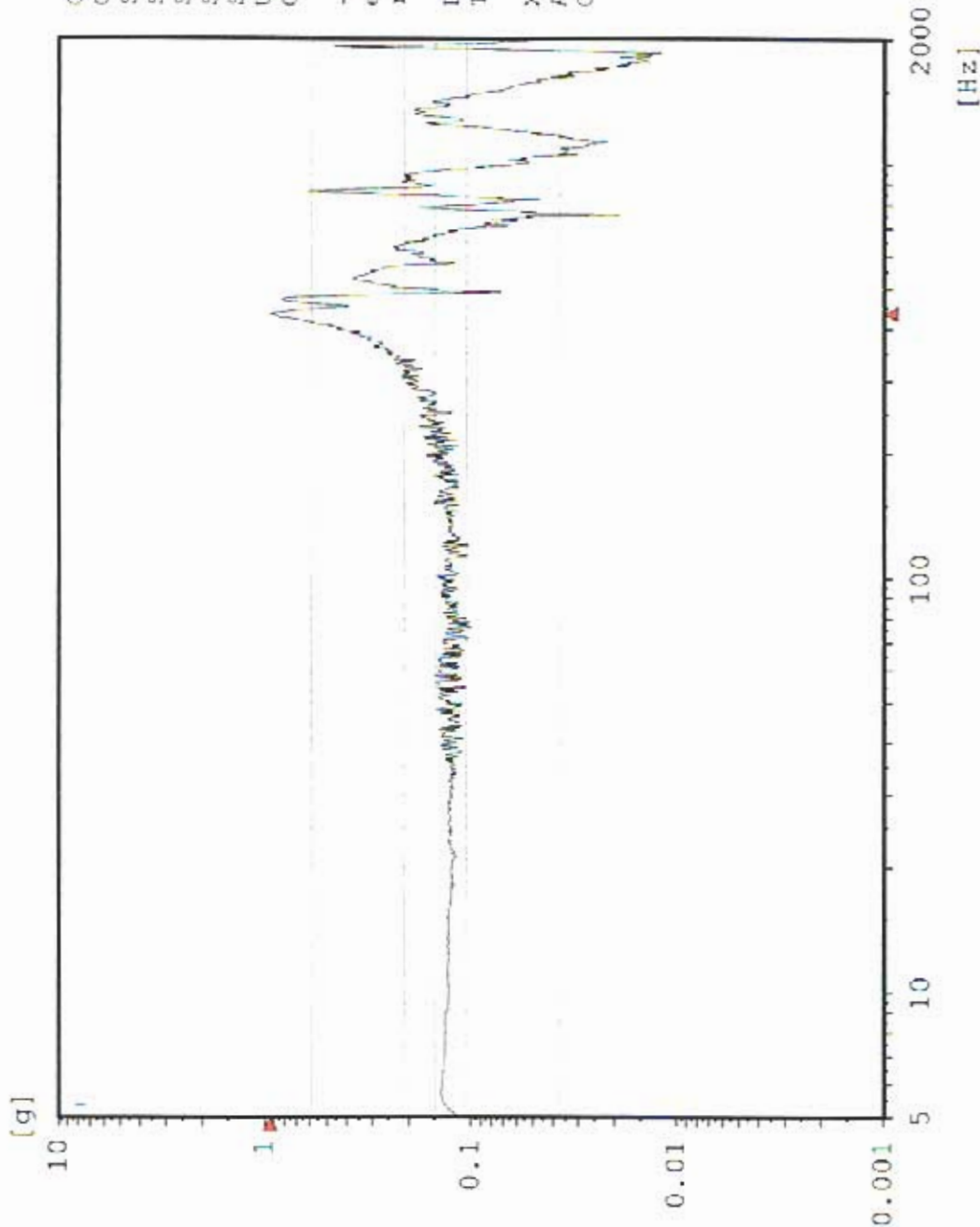
AX4 TPS top edge

Sine

Stanford Linear Accelerator

J/N 49995.52057

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

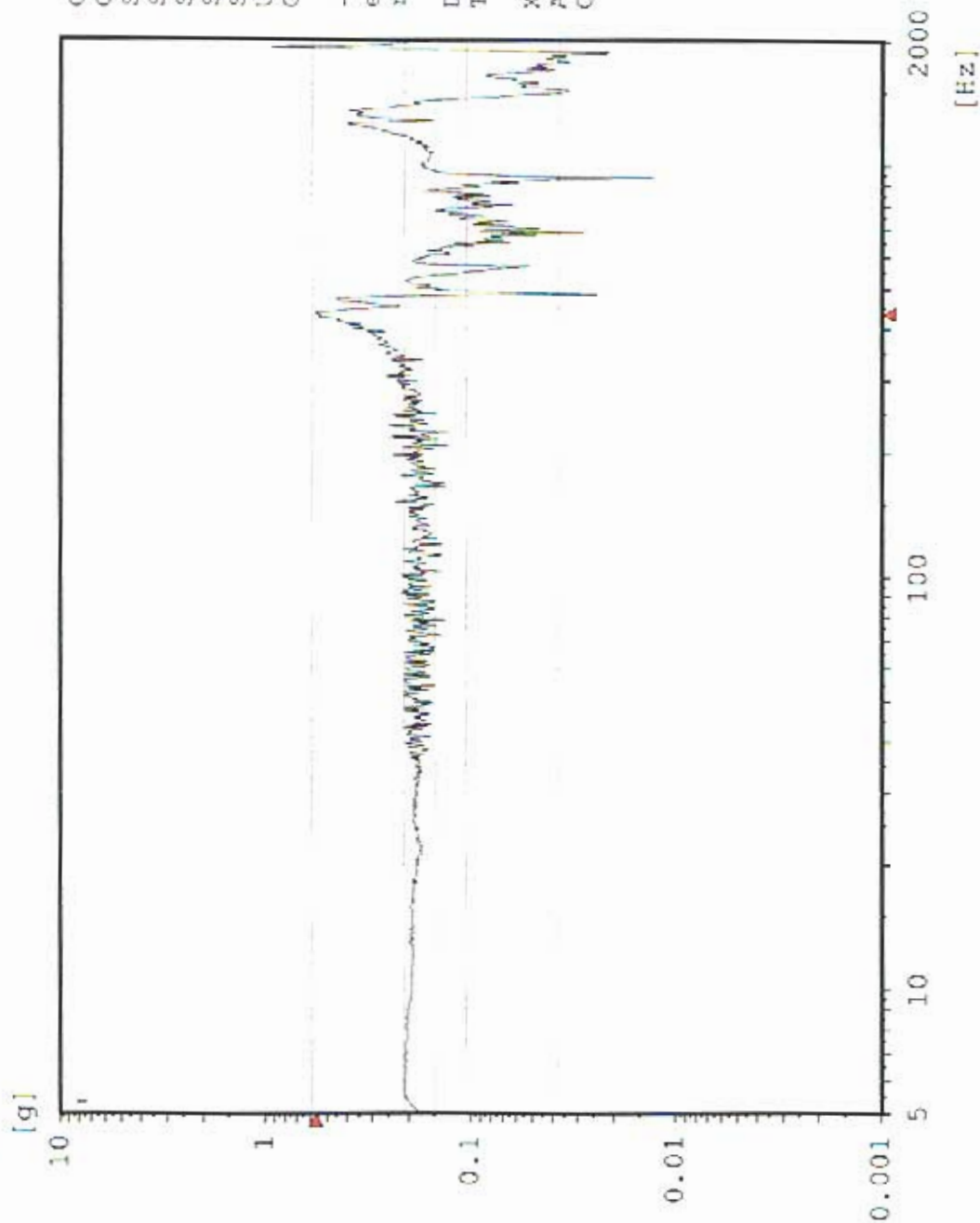
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-20-05
 Time: 11:45:53

X - axis Pre Random
 Acceptance Unit
 GLAT 1840

Sine AXI TEM center edge

Stanford Linear Accelerator
J/N 49995.52057
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

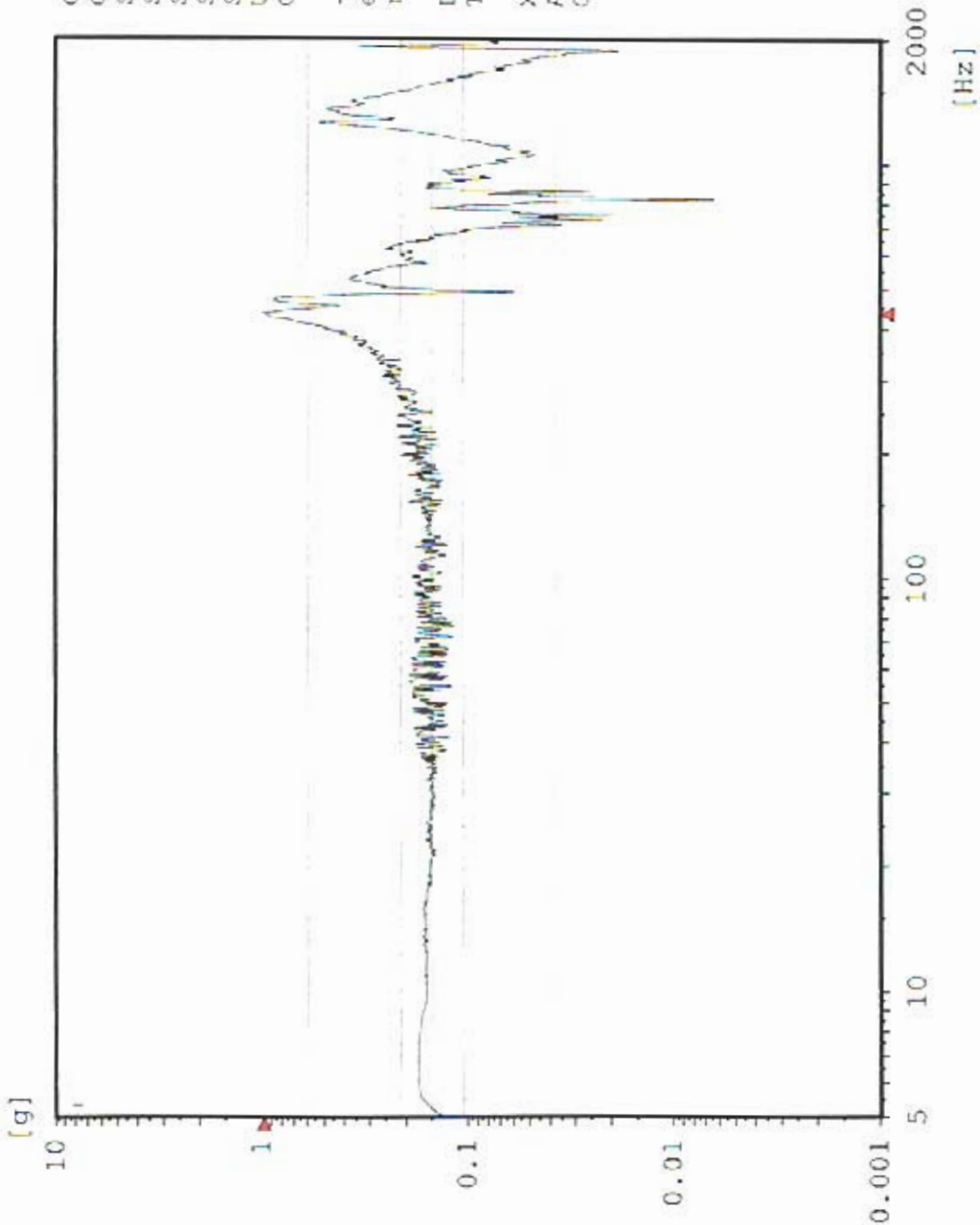
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-20-05
 Time: 11:45:53

X - axis Pre Random
 Acceptance Unit
 GLAT 1840

AX2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
Time: 11:45:53

X - axis Pre Random
Acceptance Unit
GLAT 1840

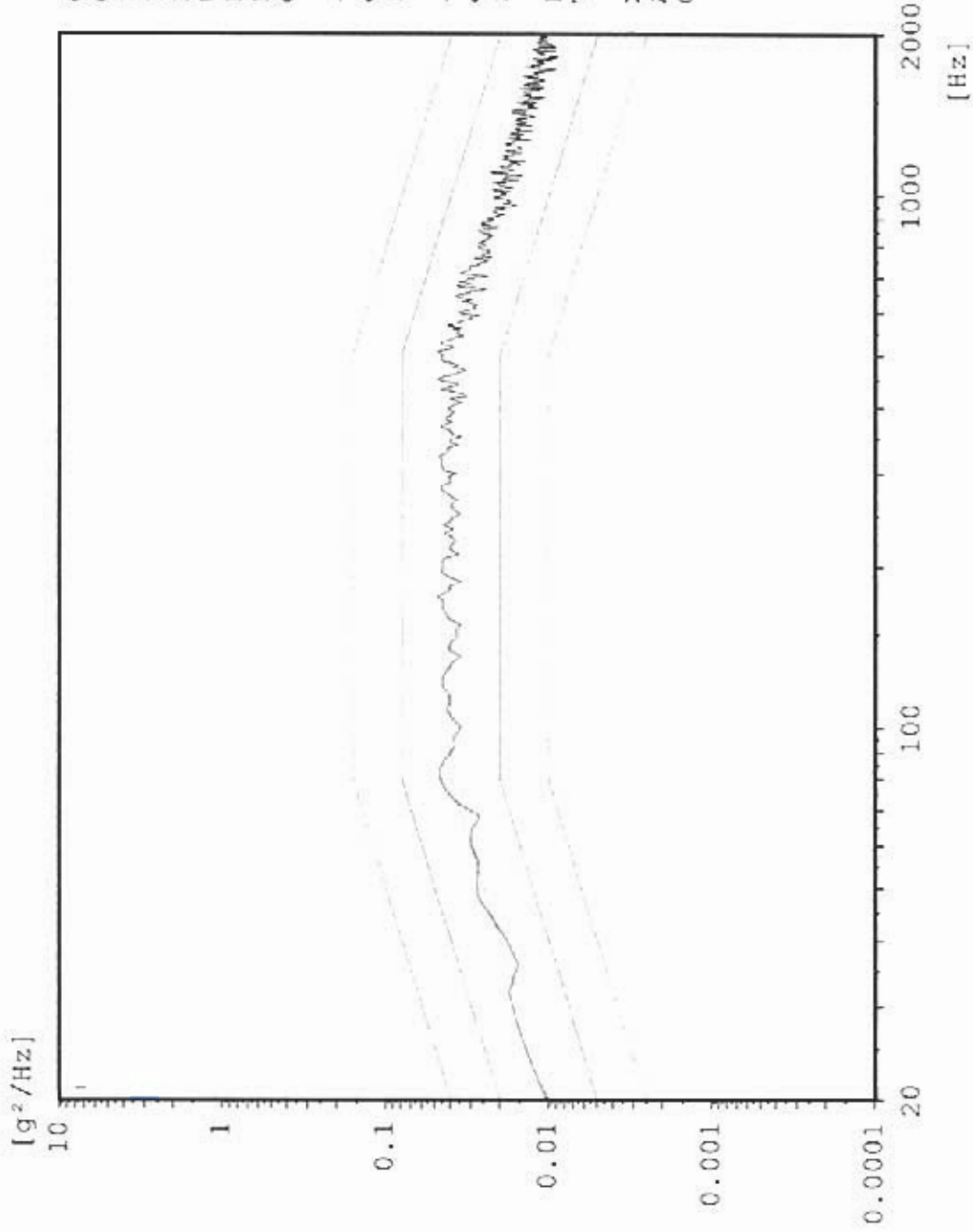
CX1 X-Axis Control

Random

Stanford Linear Accelerator

J/N 49995.52057

TEM & TPS



Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 6.835 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: 06-20-05
Time: 11:58:38

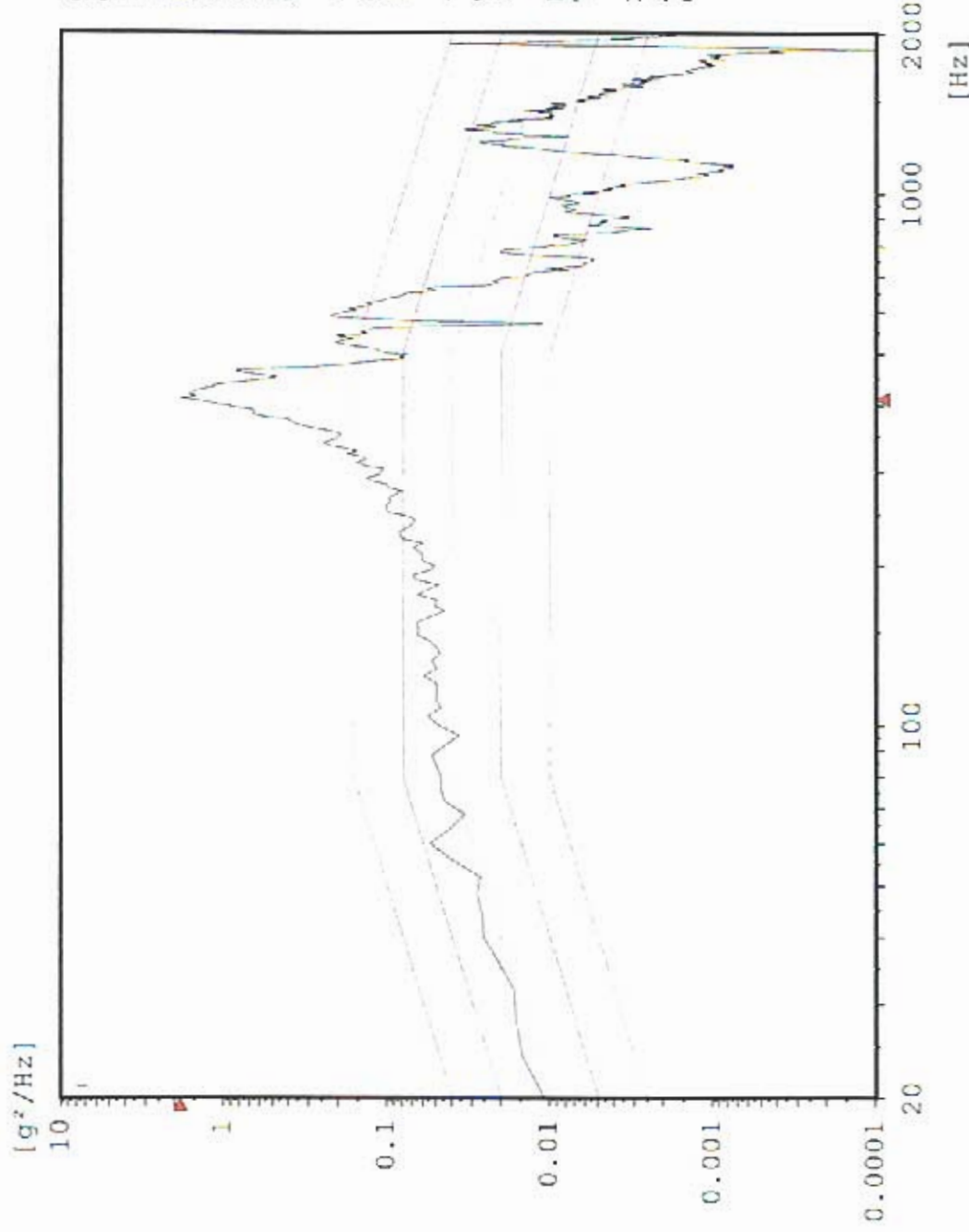
X - Axis
Acceptance Unit
GLAT 1840

Max: 412 Hz 1.843 g²/Hz

Random

AX4 TPS Top Center

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 2
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 12.61 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: 06-20-05
Time: 11:58:38

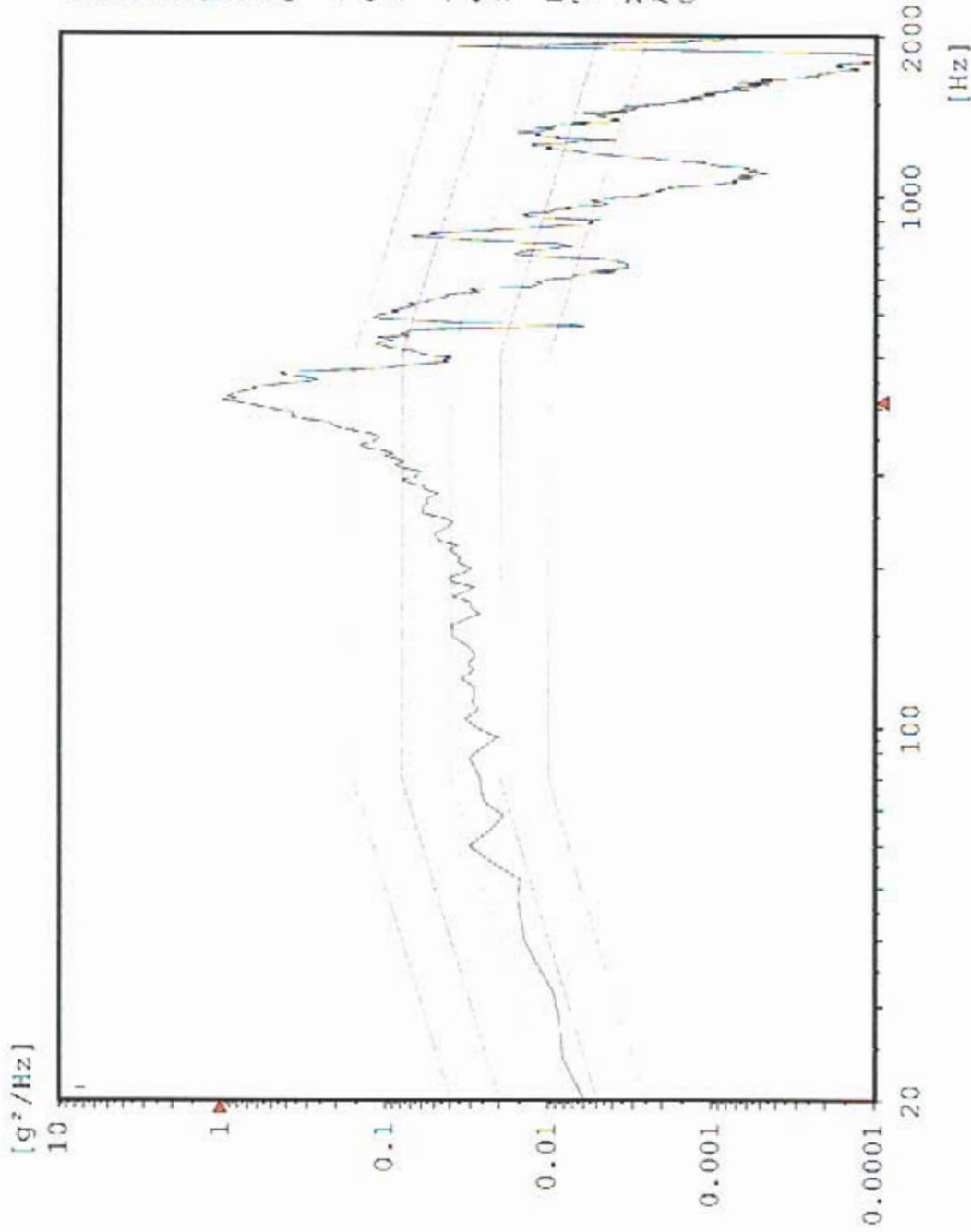
X - Axis
Acceptance Unit
GLAT 1840

Max: 412 Hz 1.039 g²/Hz

Random

AX3 TPS Top Edge

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 9.564 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: 06-20-05
Time: 11:58:38

X - Axis
Acceptance Unit
GLAT 1840

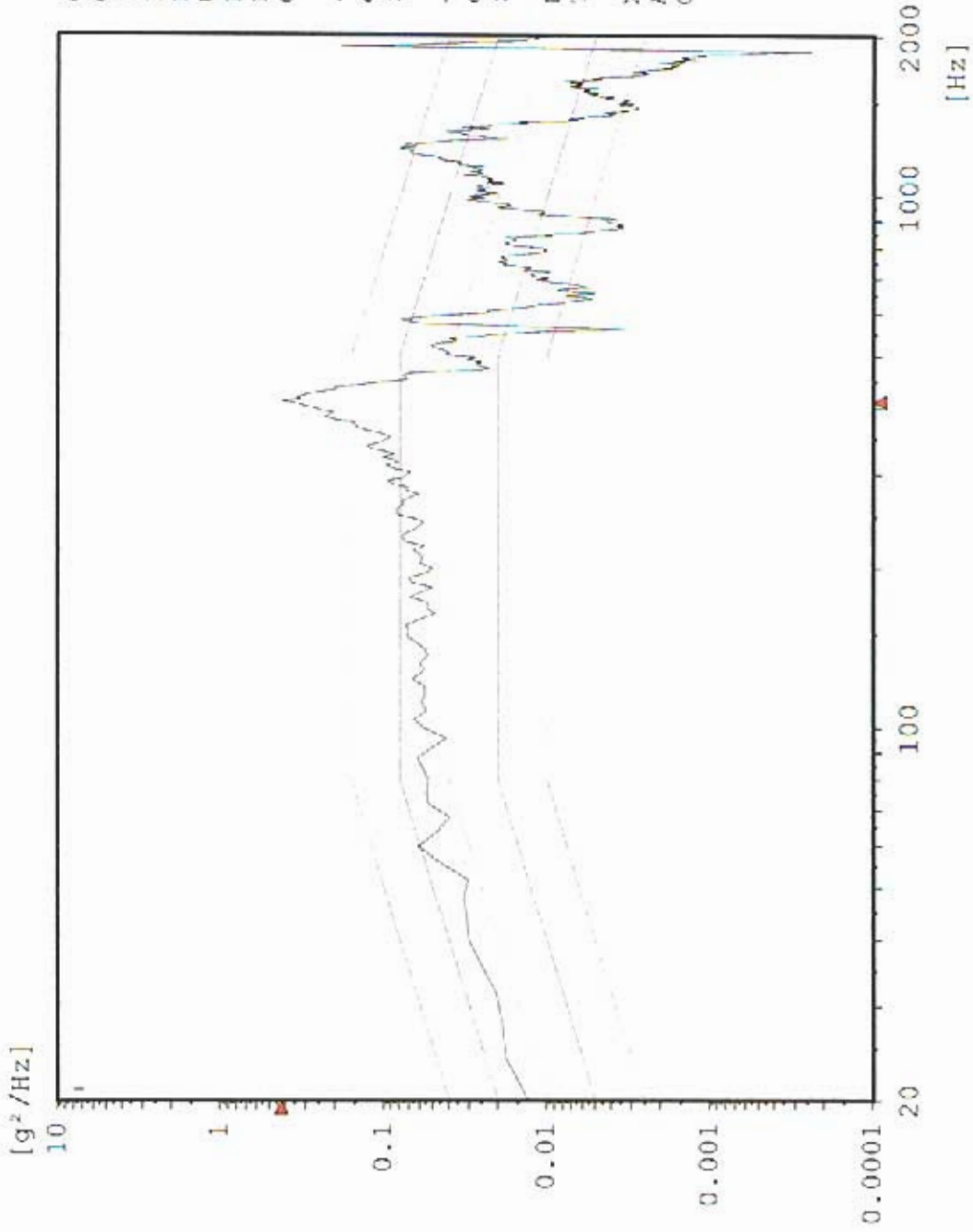
Max: 412 Hz 0.427 g²/Hz

Random CH# 5 TEM center edge

Stanford Linear Accelerator

J/N 49995.52057

TEM & TPS



Chan.no: 5
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 8.601 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

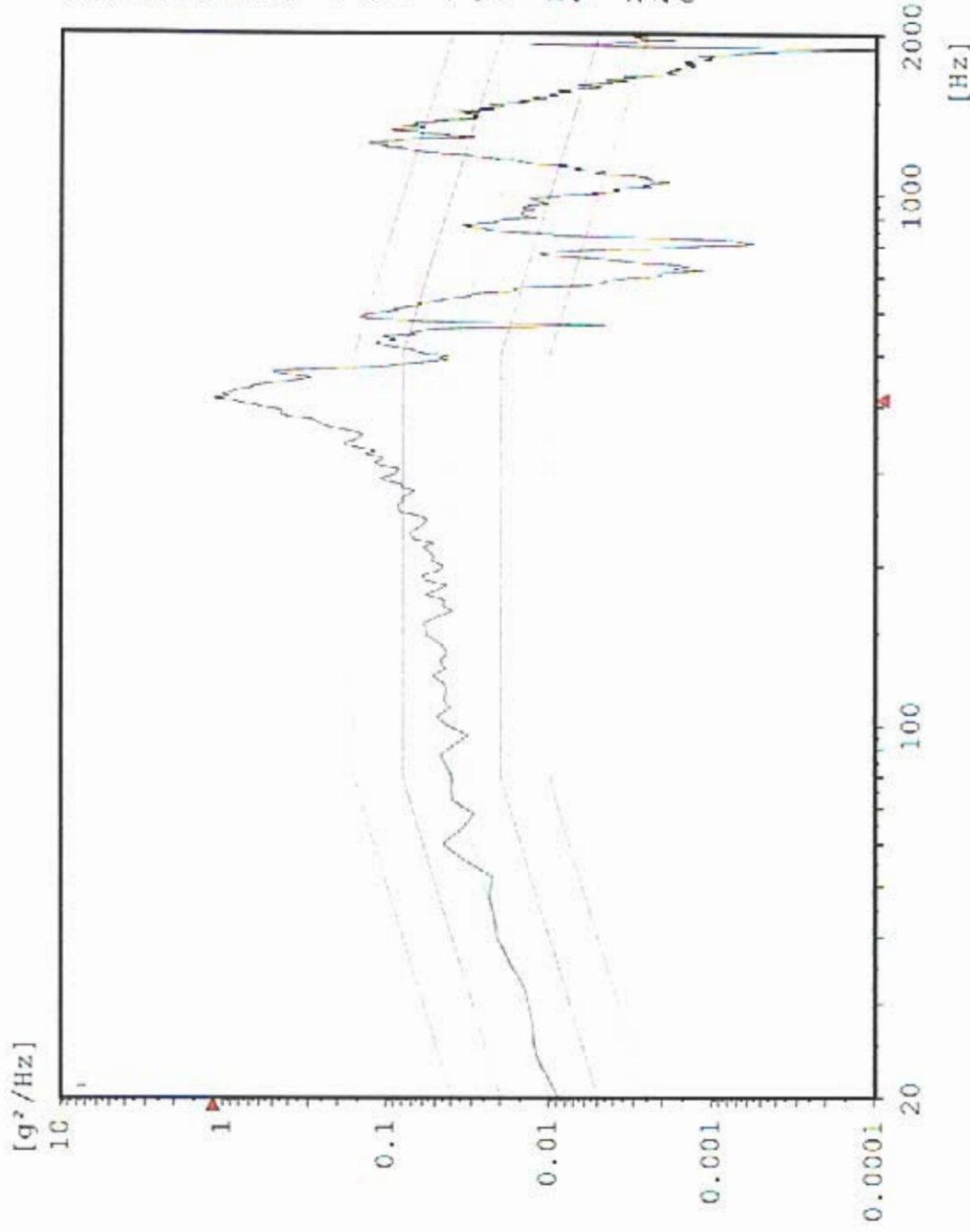
Date: 06-20-05
Time: 11:58:38

X - Axis
Acceptance Unit
GLAT 1840

Max: 412 Hz 1.161 g²/Hz

Random AX2 TPS Bottom center

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 10
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 10.98 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: 06-20-05
Time: 11:58:38

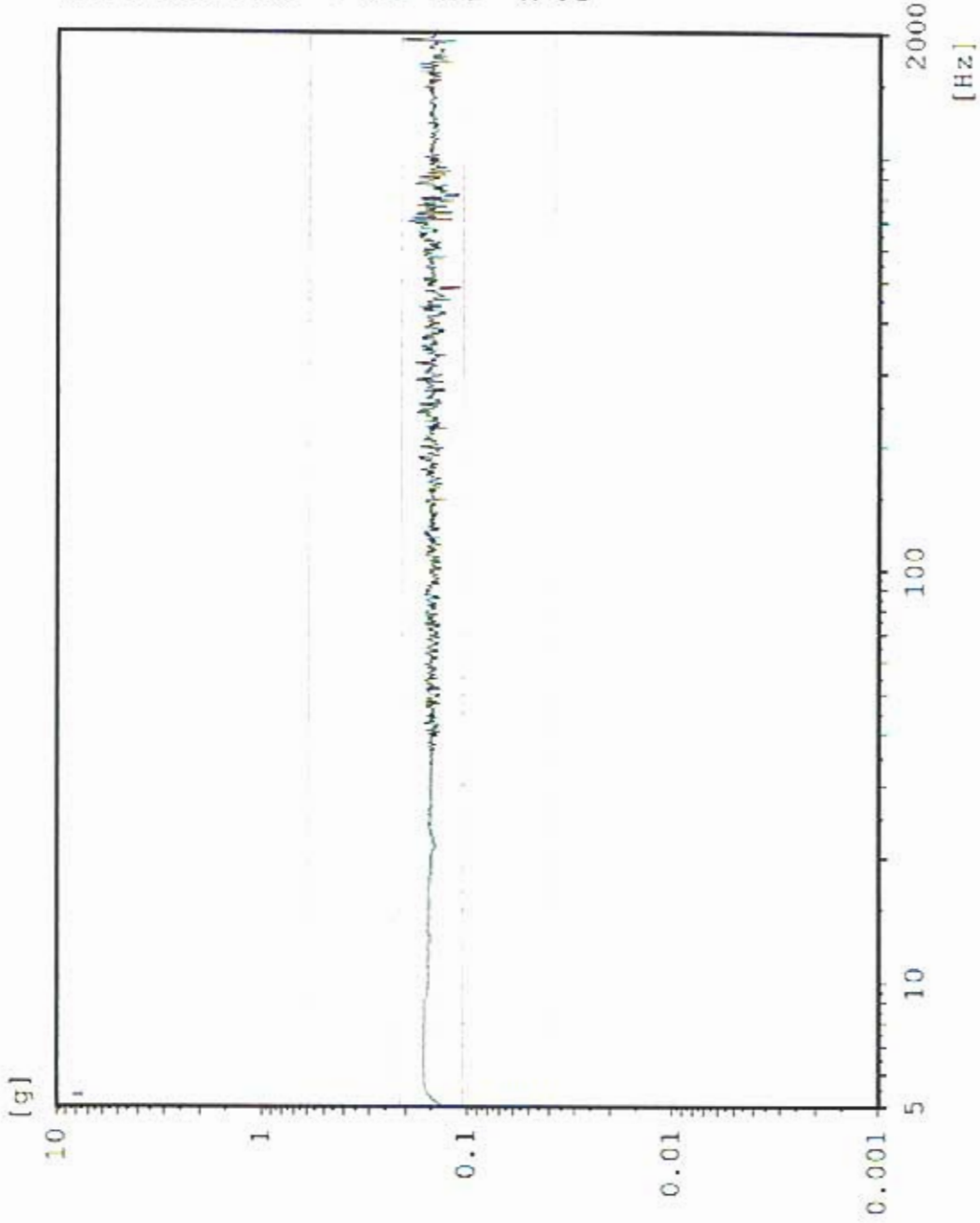
X - Axis
Acceptance Unit
GLAT 1840

Sine CX1 X-Axis Control

Stanford Linear Accelerator

J/N 49995.52057

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

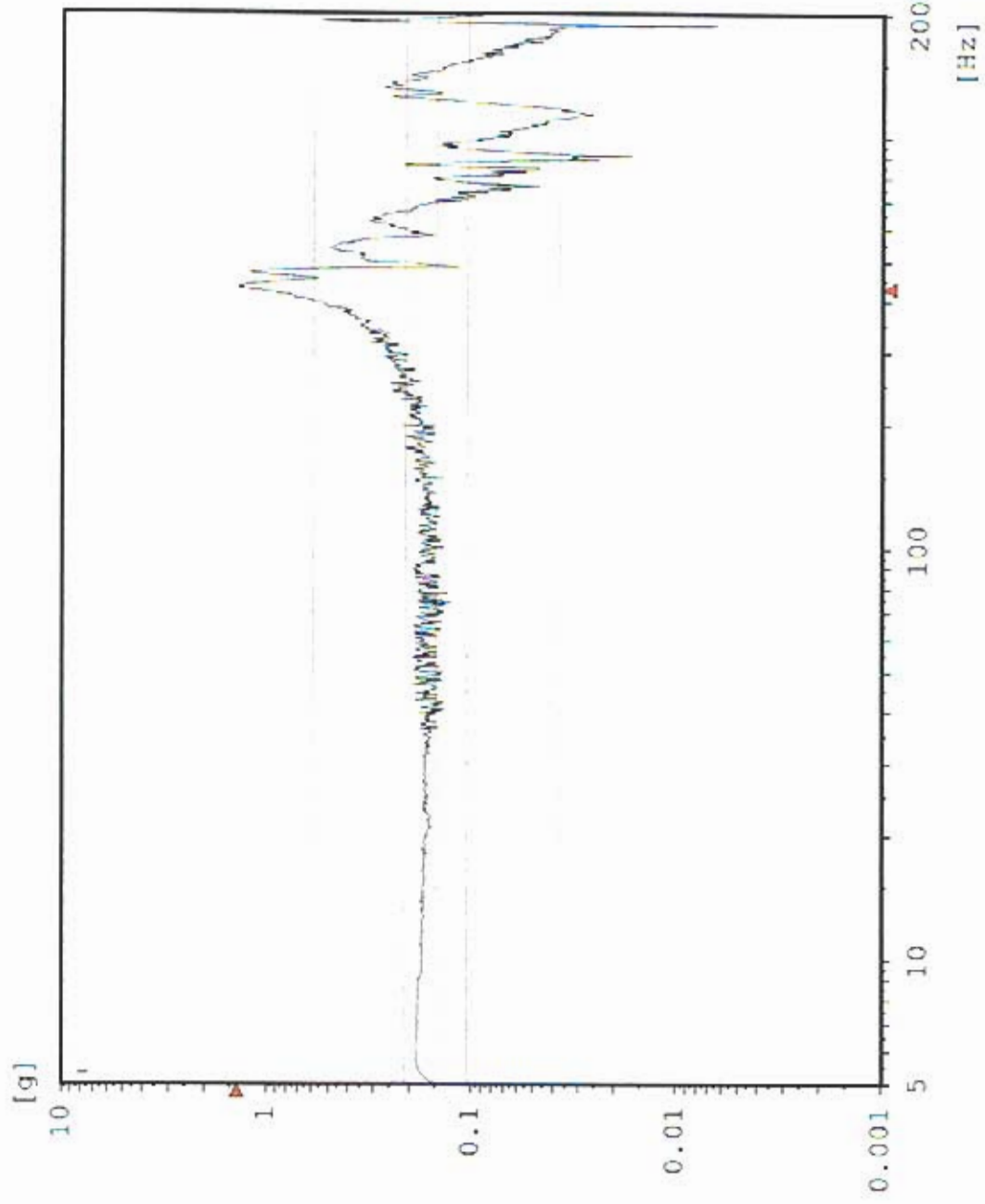
Date: 06-20-05
Time: 12:09:37

X - axis Post Random
Acceptance Unit
GLAT 1840

Max: 431.1 Hz 1.404 g

Sine AX3 TPS top center

Stanford Linear Accelerator
J/N 49995.52057
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

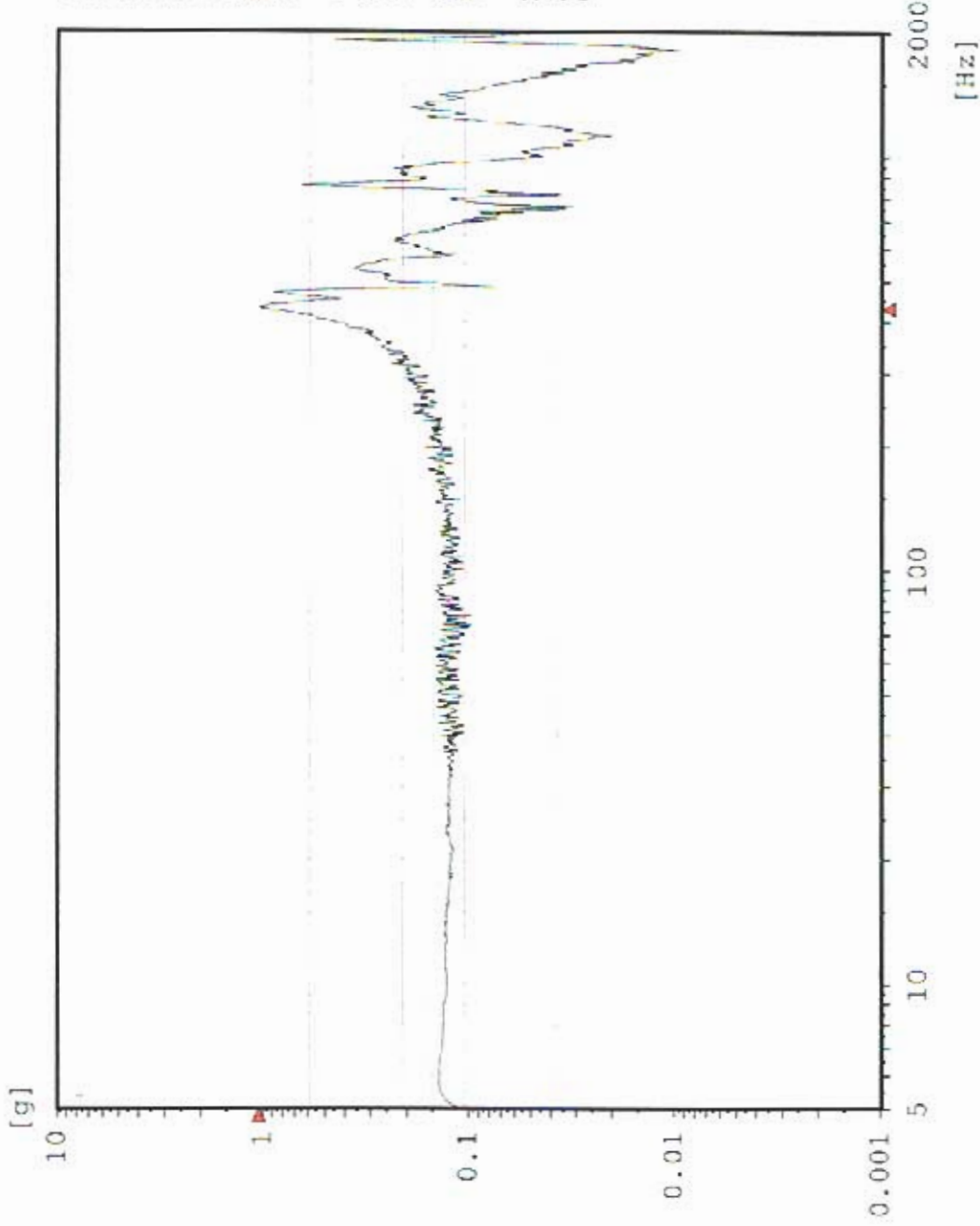
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-20-05
 Time: 12:09:37

X - axis Post Random
 Acceptance Unit
 GLAT 1840

Sine AX4 TPS top edge

Stanford Linear Accelerator
J/N 49995.52057
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

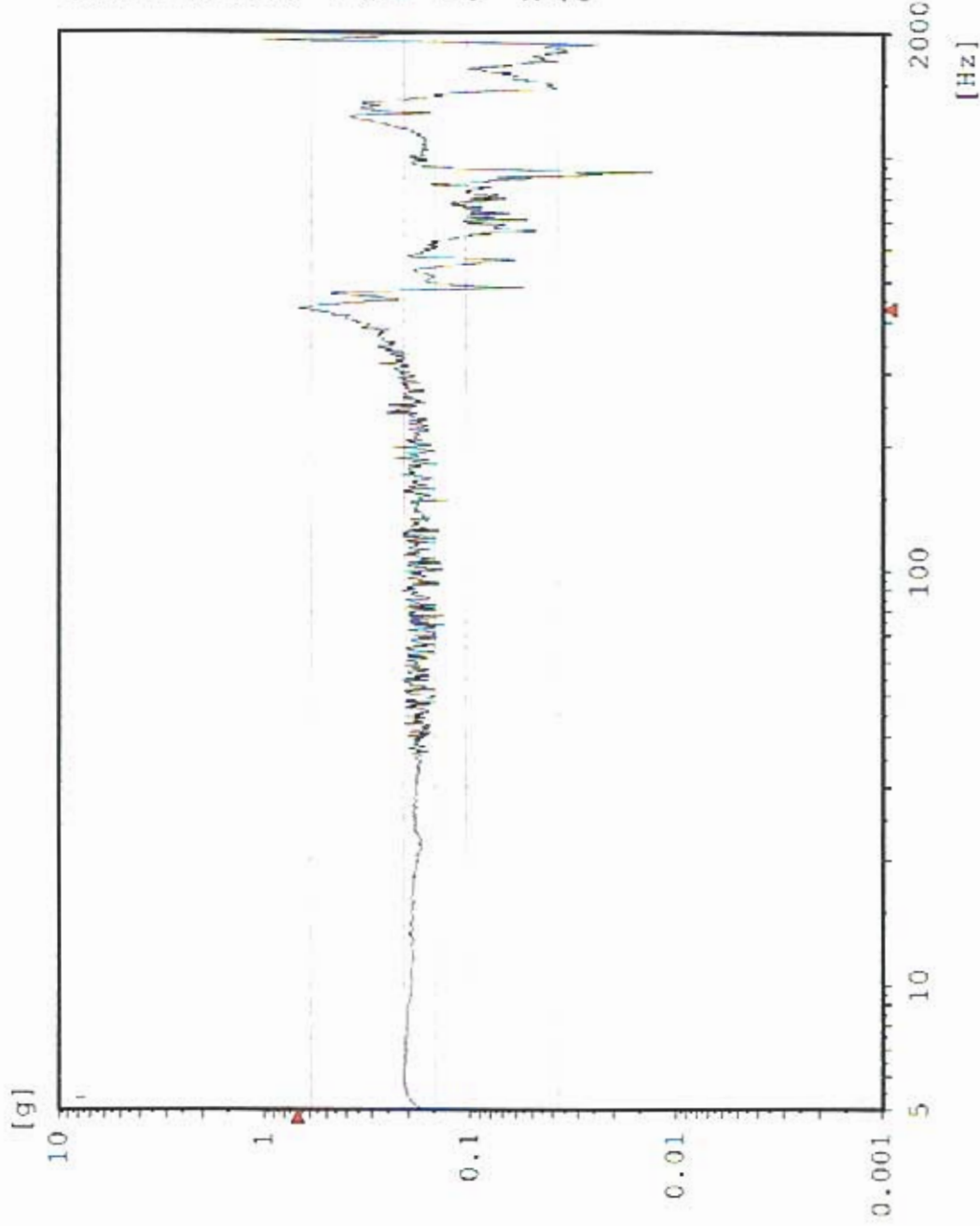
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-20-05
 Time: 12:09:37

X - axis Post Random
 Acceptance Unit
 GLAT 1840

Sine AX1 TEM center edge

Stanford Linear Accelerator
J/N 49995.52057
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

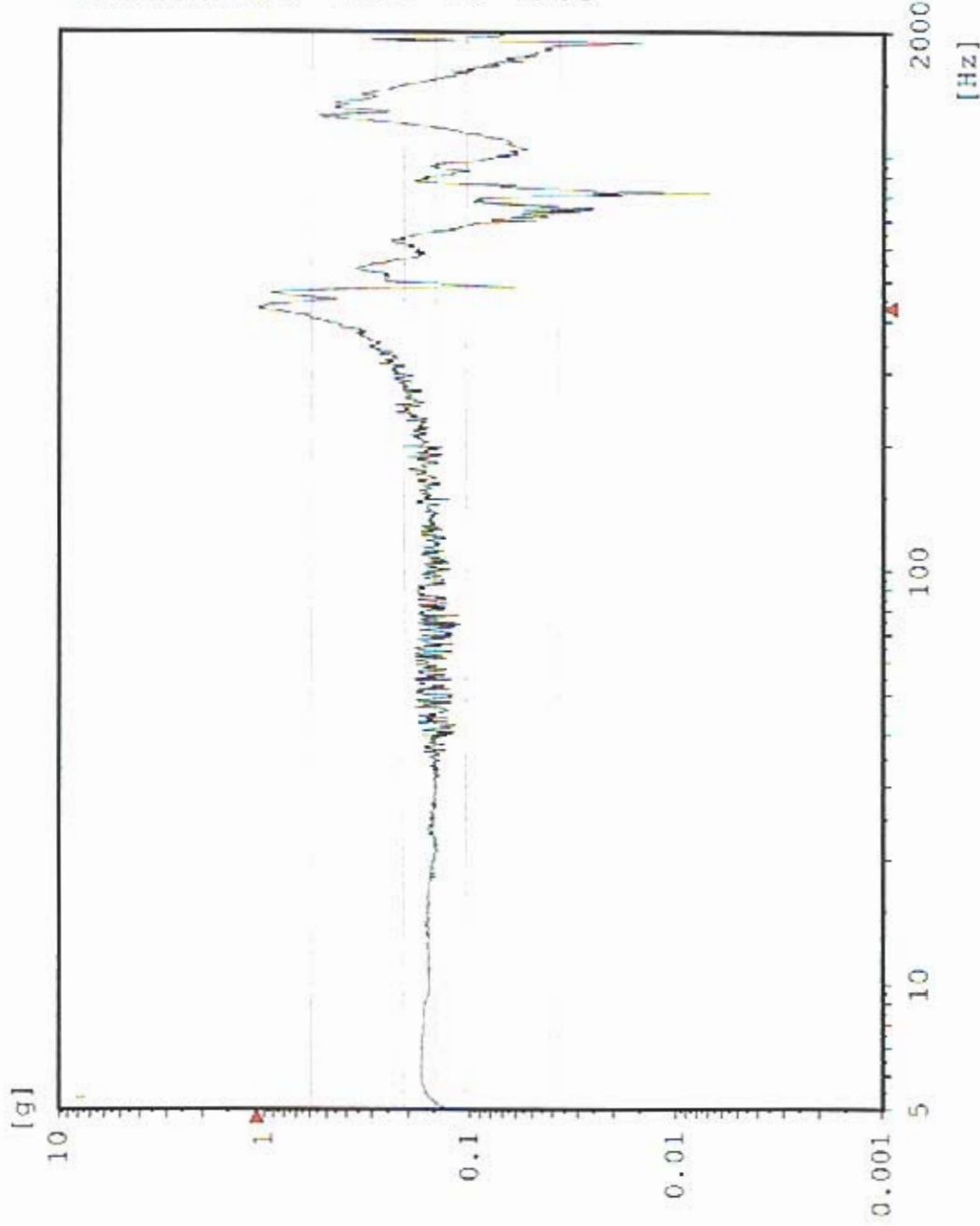
Date: 06-20-05
Time: 12:09:37

X - axis Post Random
Acceptance Unit
GLAT 1840

AX2 TPS CG

Sine

Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 12:09:37

X - axis Post Random
 Acceptance Unit
 GLAT 1840

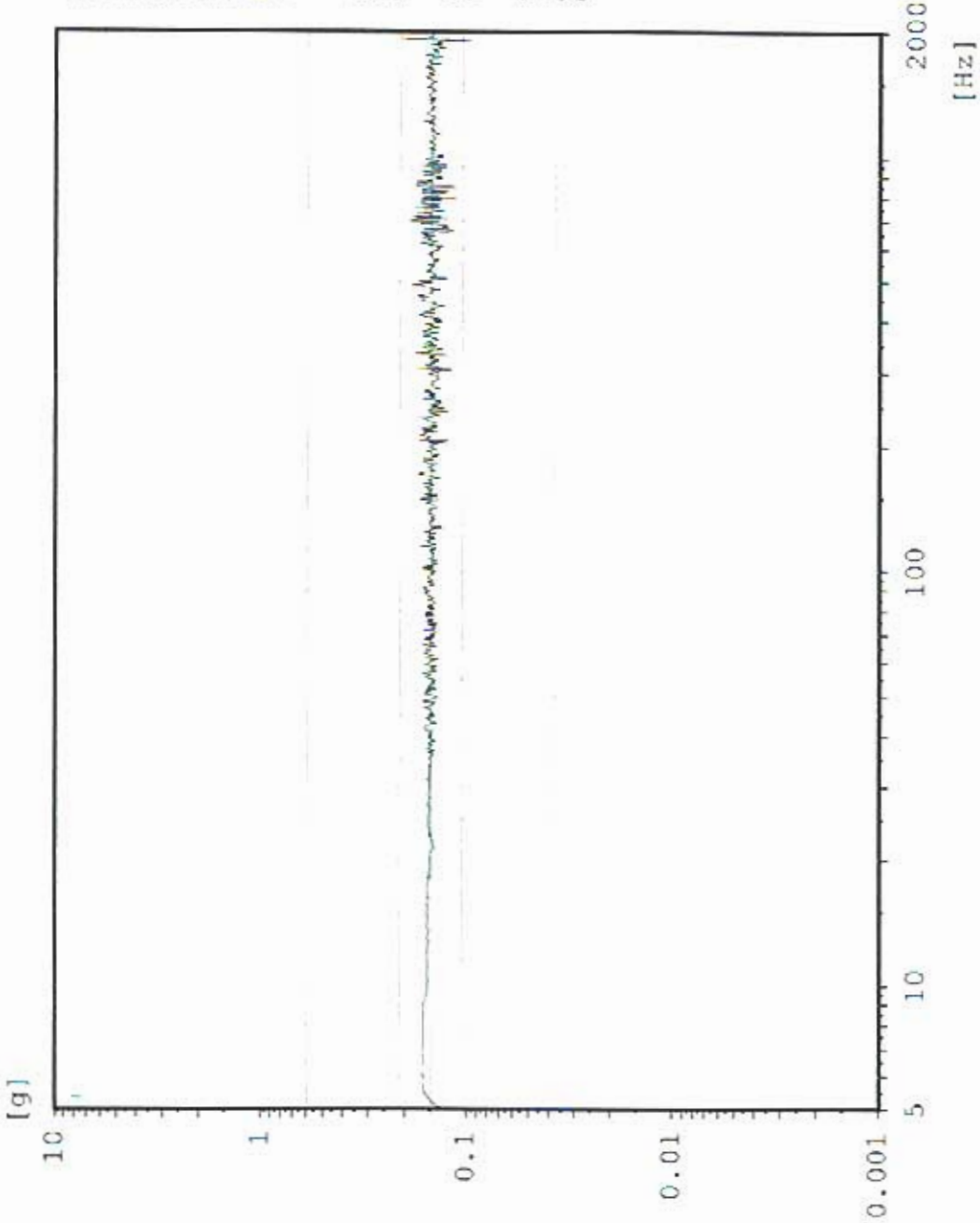
CY1 Y-Axis Control

Sine

Stanford Linear Accelerator

J/N 49995.52057

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 --

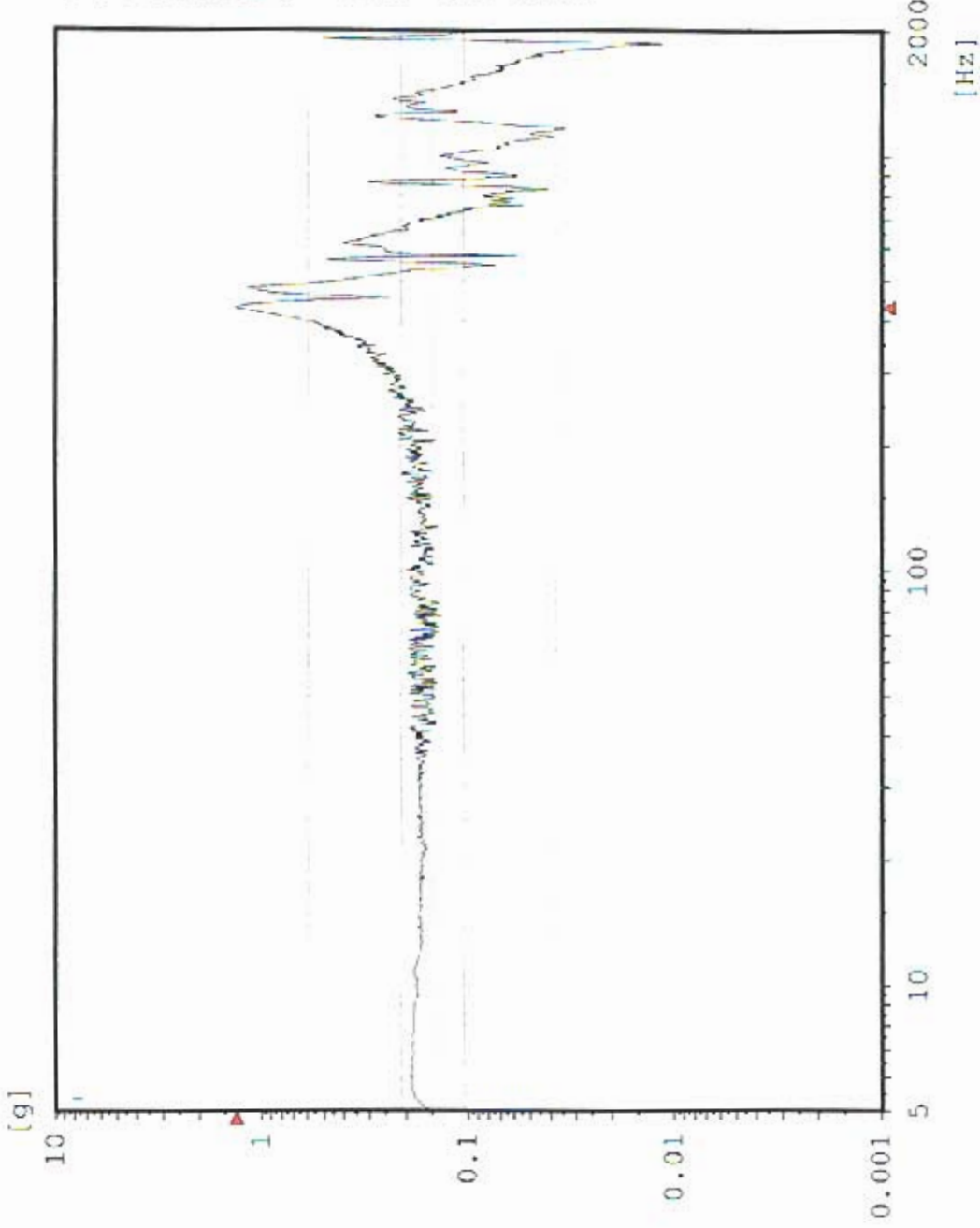
elapsed: 000:04:18
remaining: 000:00:00

Date: 06-20-05
Time: 12:30:27

Y - axis Pre Random
Acceptance Unit
GLAT 1840

AY3 TPS Top Center

Sine
Stanford Linear Accelerator
J/N 49995.52057
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

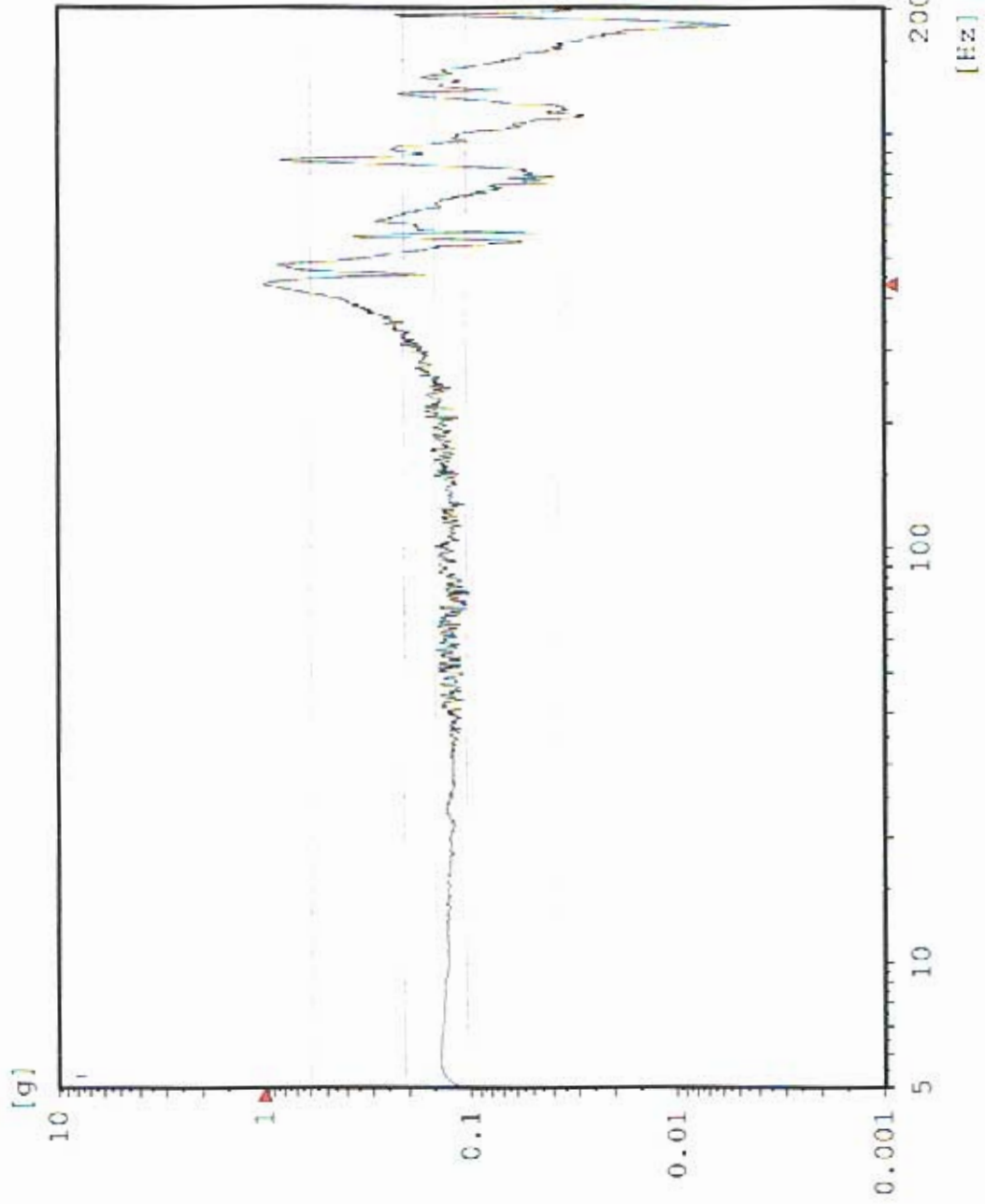
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-20-05
 Time: 12:30:27

Y - axis Pre Random
 Acceptance Unit
 GLAT 1840

AY4 TPS Top Edge

Sine
Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 12:30:27

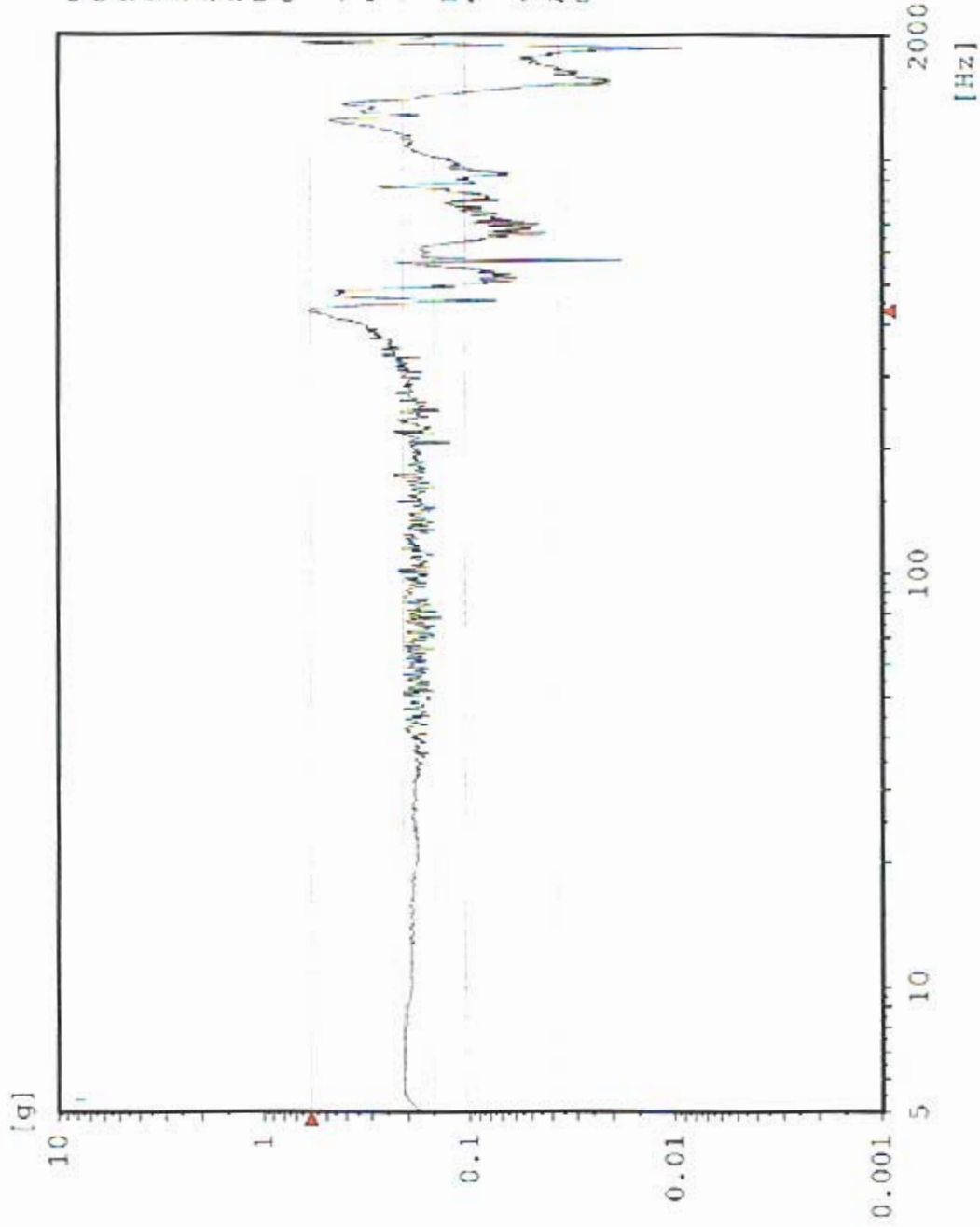
Y - axis Pre Random
 Acceptance Unit
 GLAT 1840

Sine AY1 TEM Center Edge

Stanford Linear Accelerator

J/N 49995.52057

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

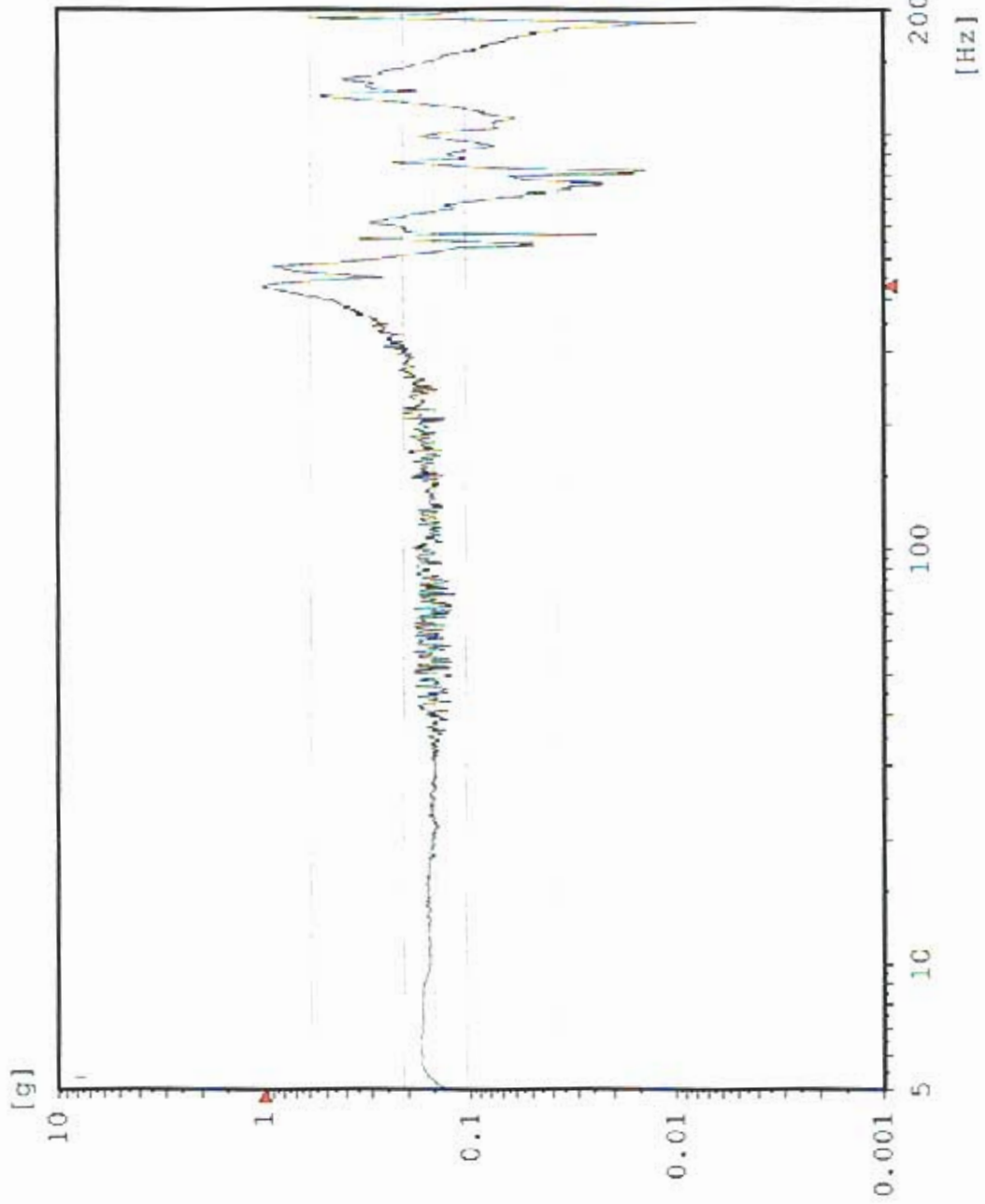
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 06-20-05
Time: 12:30:27

Y - axis Pre Random
Acceptance Unit
GLAT 1840

AY2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 12:30:27

Y - axis Pre Random
 Acceptance Unit
 GLAT 1840

CY1 Y-Axis Control

Random
Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



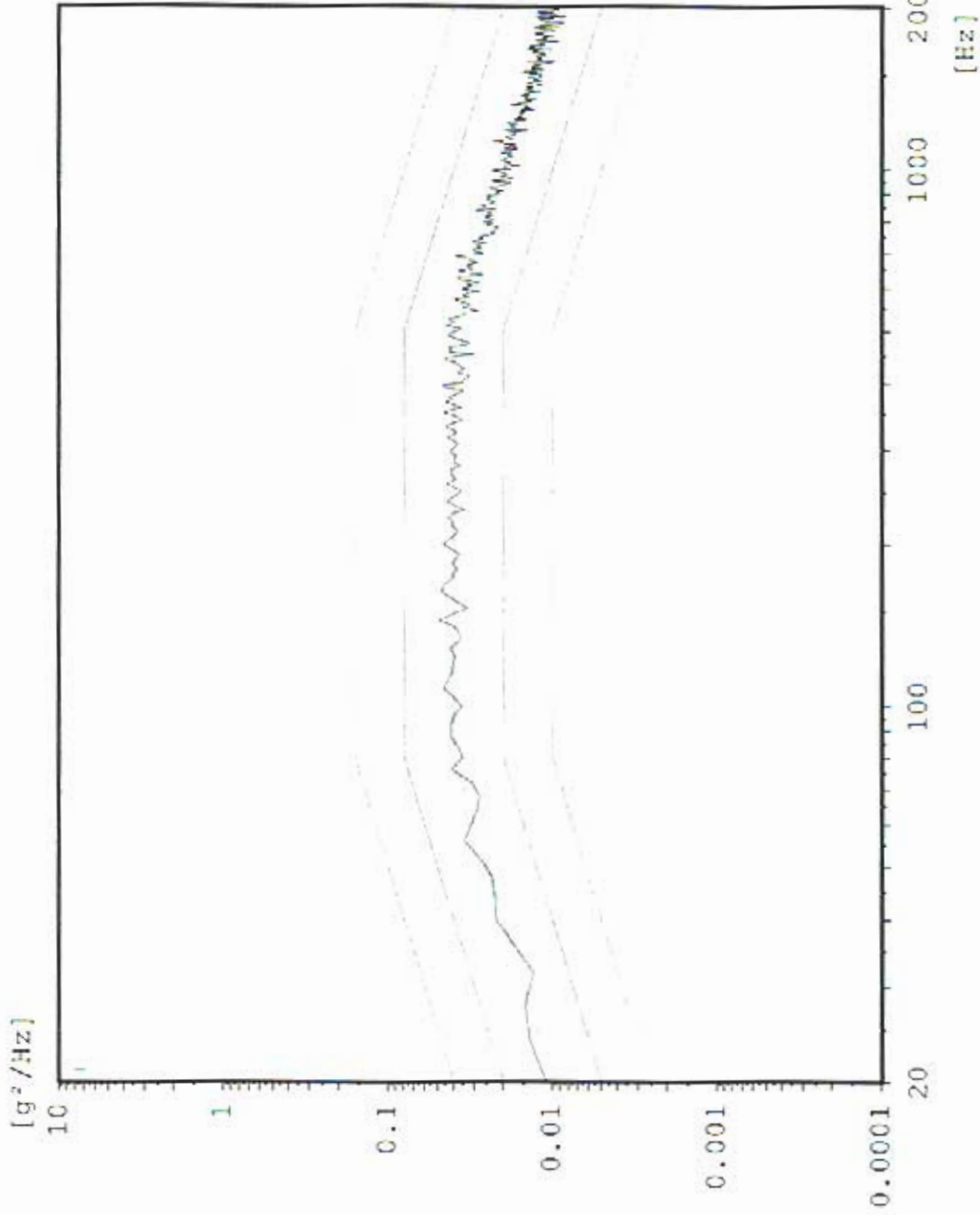
Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g/Hz
RMS (act.): 6.78 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 06-20-05
Time: 12:38:31

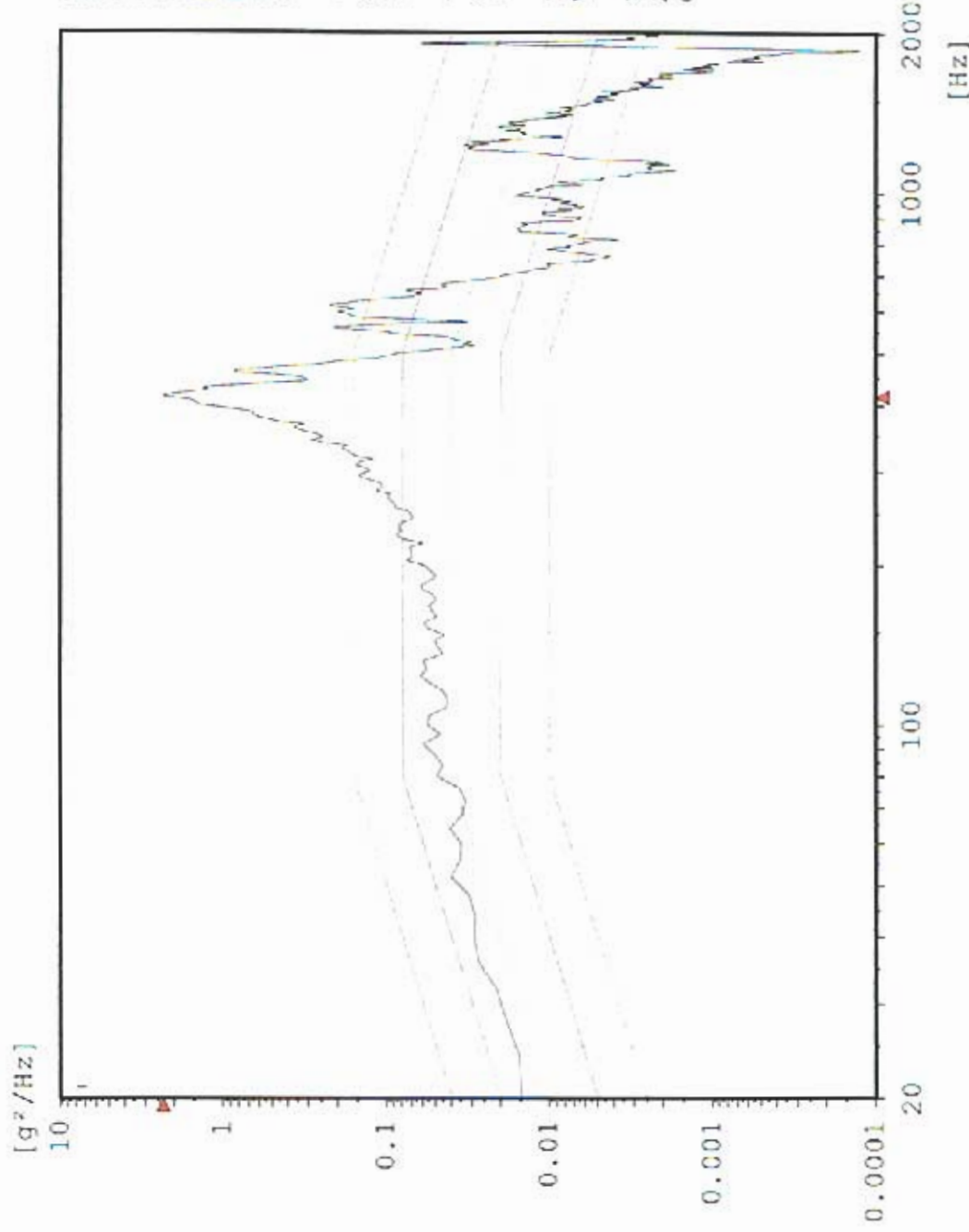
Y - Axis
Acceptance Unit
GLAT 1840



Max: 416 Hz 2.353 g²/Hz

Random AY3 TPS Top Center

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 2
Chan.type: M
DOP: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 12.89 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

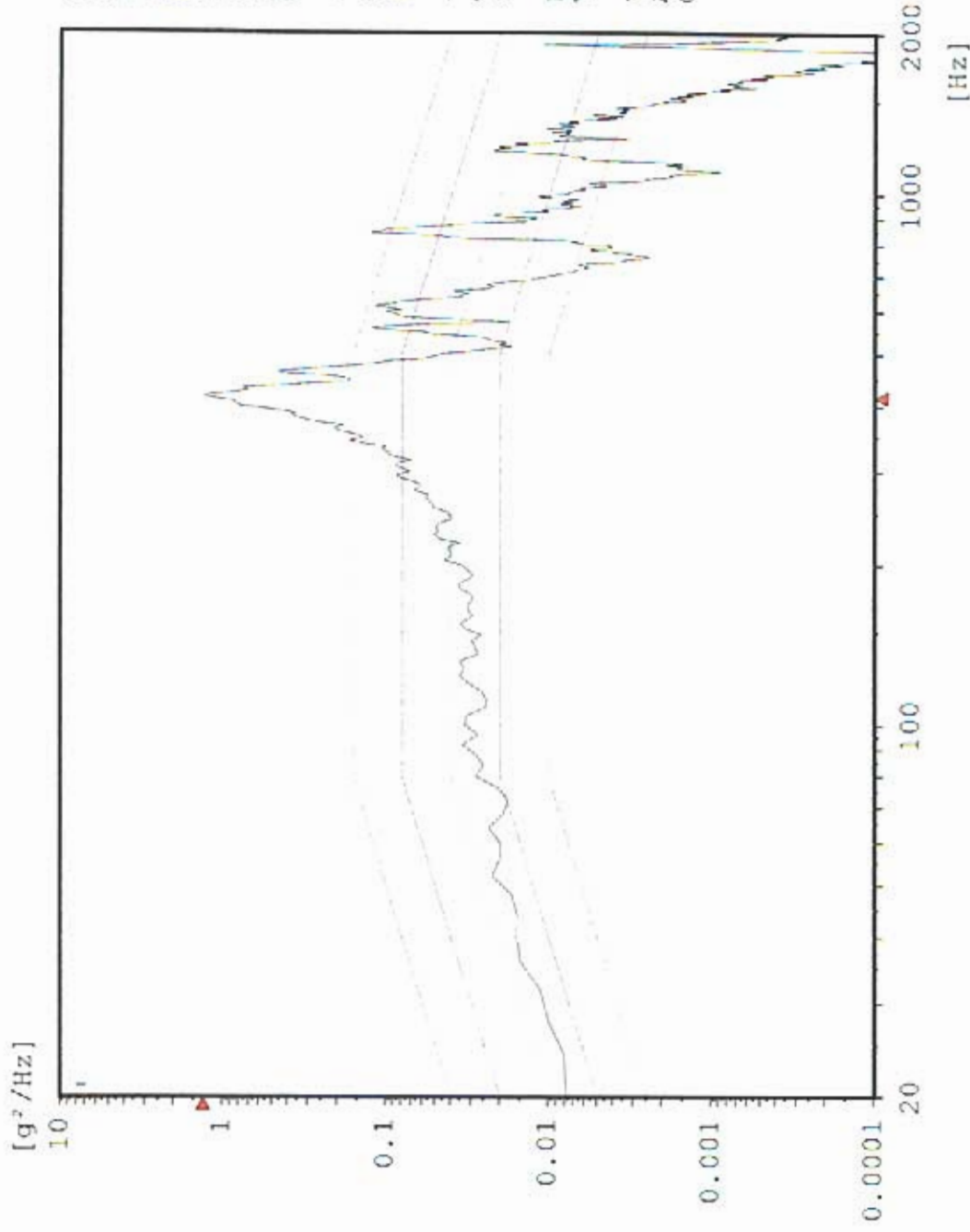
Date: 06-20-05
Time: 12:38:31

Y - Axis
Acceptance Unit
GLAT 1840

Max: 416 Hz 1.329 g²/Hz

Random AY4 TPS Top Edge

Random
Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 9.835 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

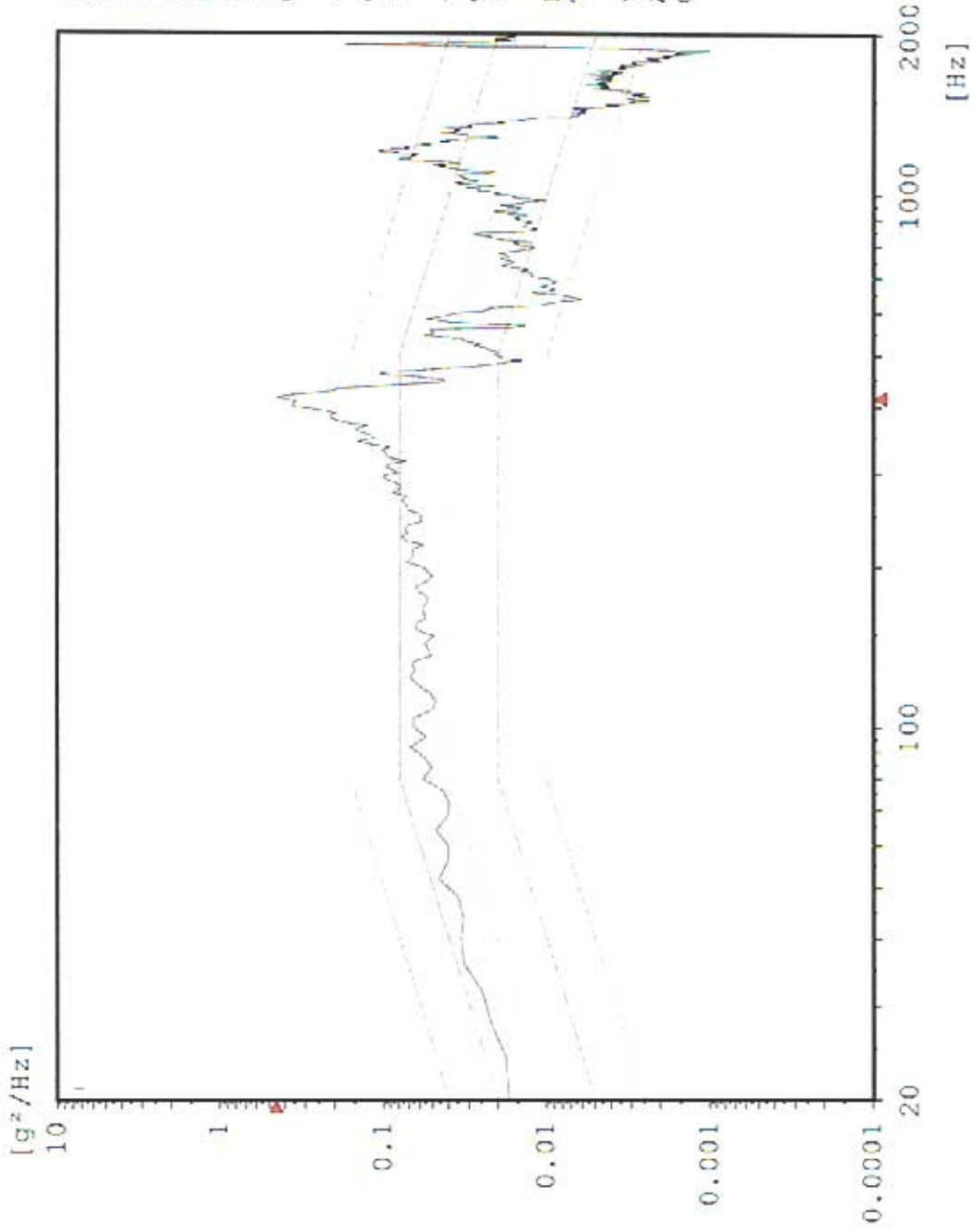
Date: 06-20-05
Time: 12:38:31

Y - Axis
Acceptance Unit
GLAT 1840

Max: 416 Hz 0.4539 g²/Hz

Random AY1 TEM Center Edge

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 5
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 8.796 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

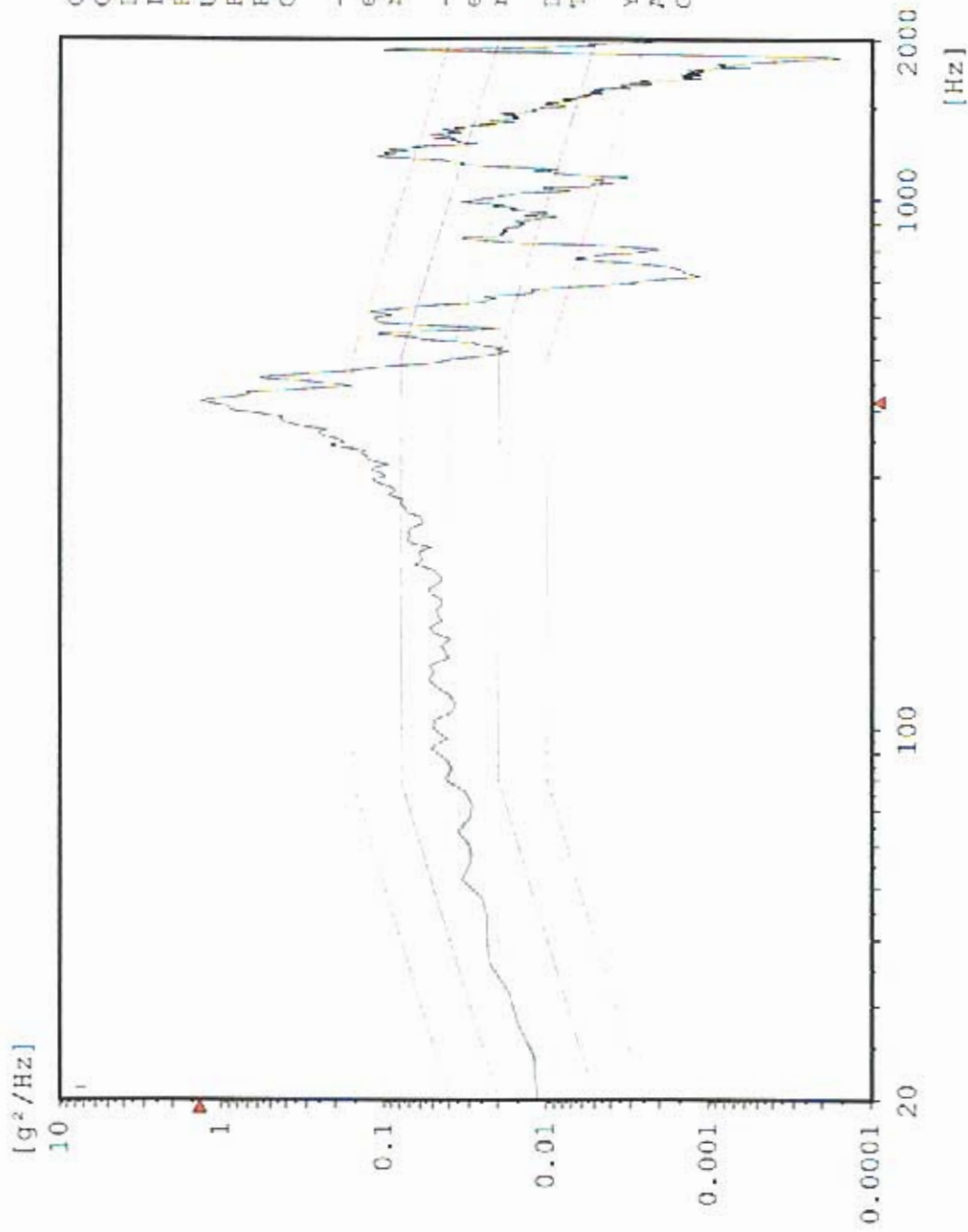
Date: 06-20-05
Time: 12:38:31

Y - Axis
Acceptance Unit
GLAT 1840

Max: 416 Hz 1.374 g²/Hz

Random AY2 TPS CG

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 10
Chan.type: M
DOP: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 11.01 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

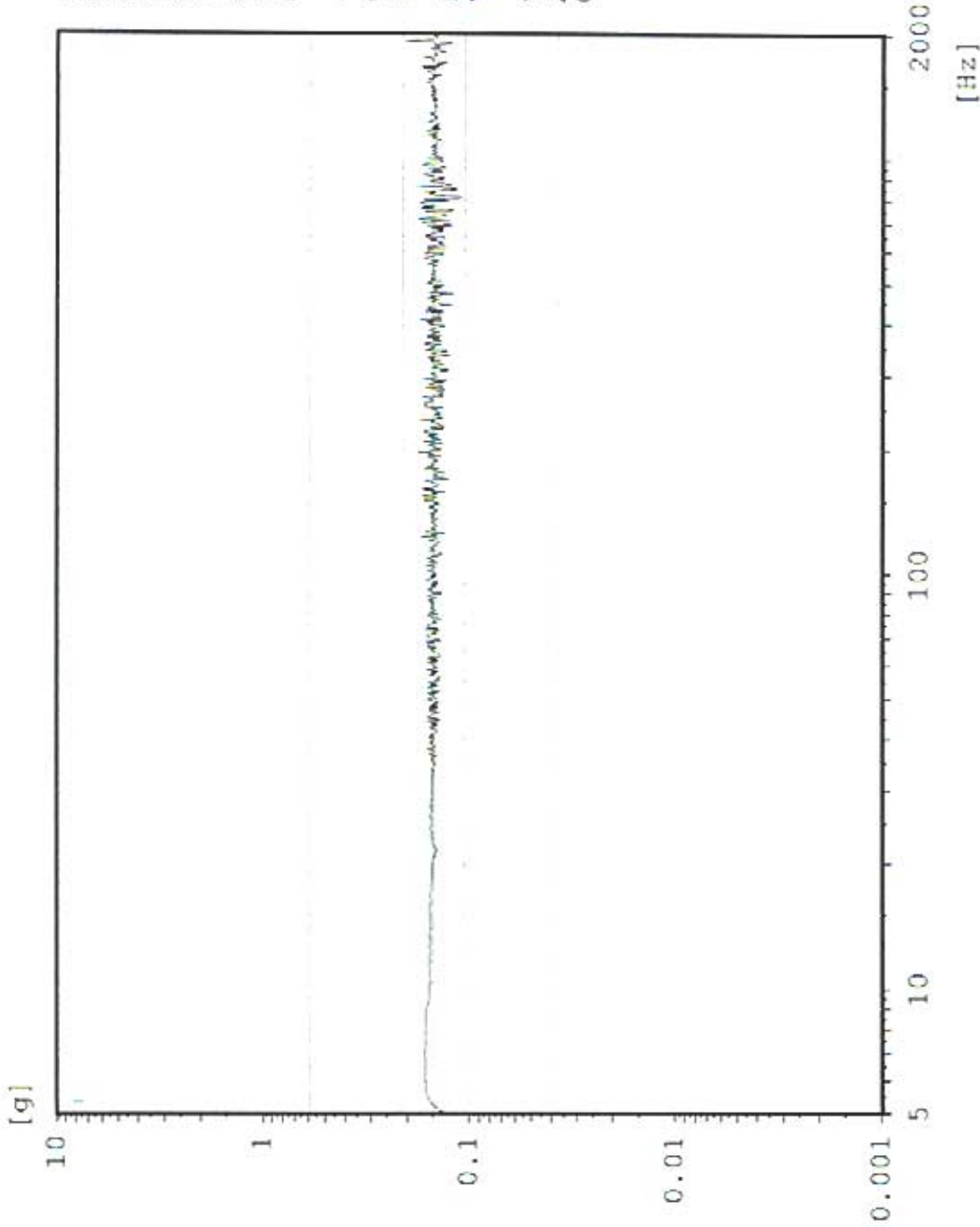
-- Time total --
elapsed: 000:02:55
remaining: 000:00:00

Date: 06-20-05
Time: 12:38:31

Y - Axis
Acceptance Unit
GLAT 1840

Sine CY1 Y-Axis Control

Stanford Linear Accelerator
J/N 49995.52057
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

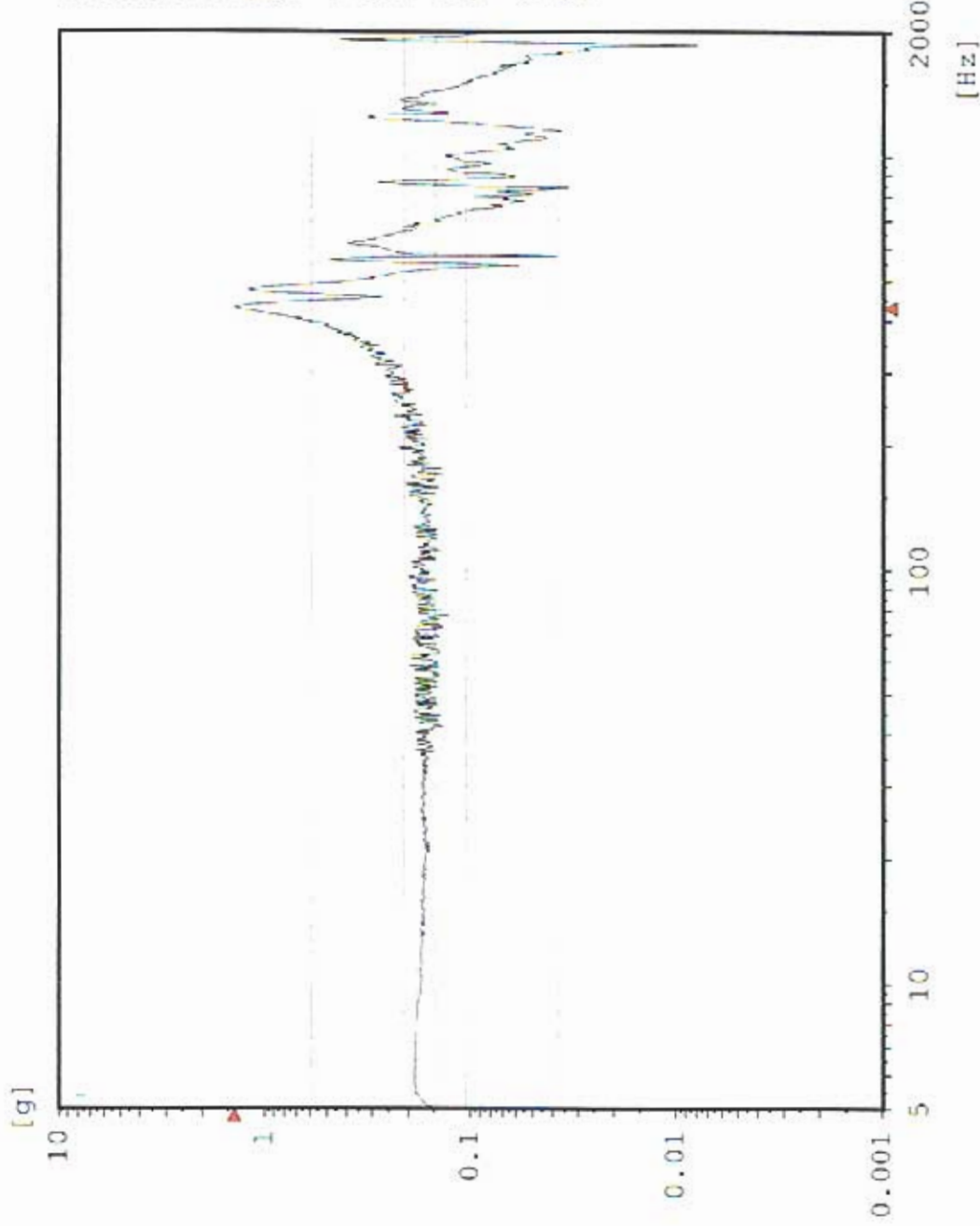
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 06-20-05
Time: 12:48:52

Y - axis Post Random
Acceptance Unit
GLAT 1840

Sine AY3 TPS Top Center

Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 12:48:52
 Y - axis Post Random
 Acceptance Unit
 GLAT 1840

Max: 431.1 Hz 1.066 g

Sine AY4 TPS Top Edge

Stanford Linear Accelerator
J/N 49995.52057
TEM / TPS

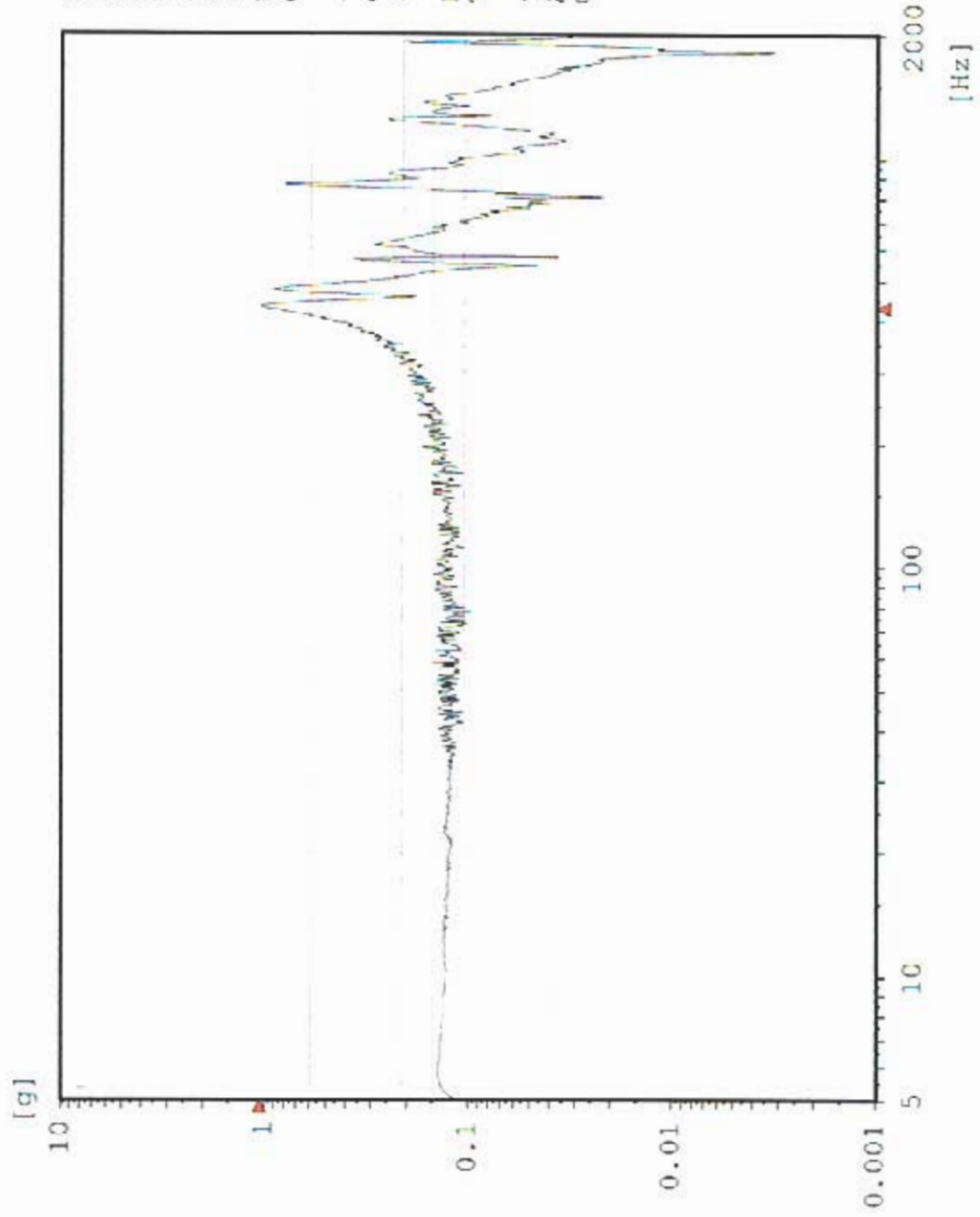


Chan.no: 3
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

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

Date: 06-20-05
Time: 12:48:52

Y - axis Post Random
Acceptance Unit
GLAT 1840

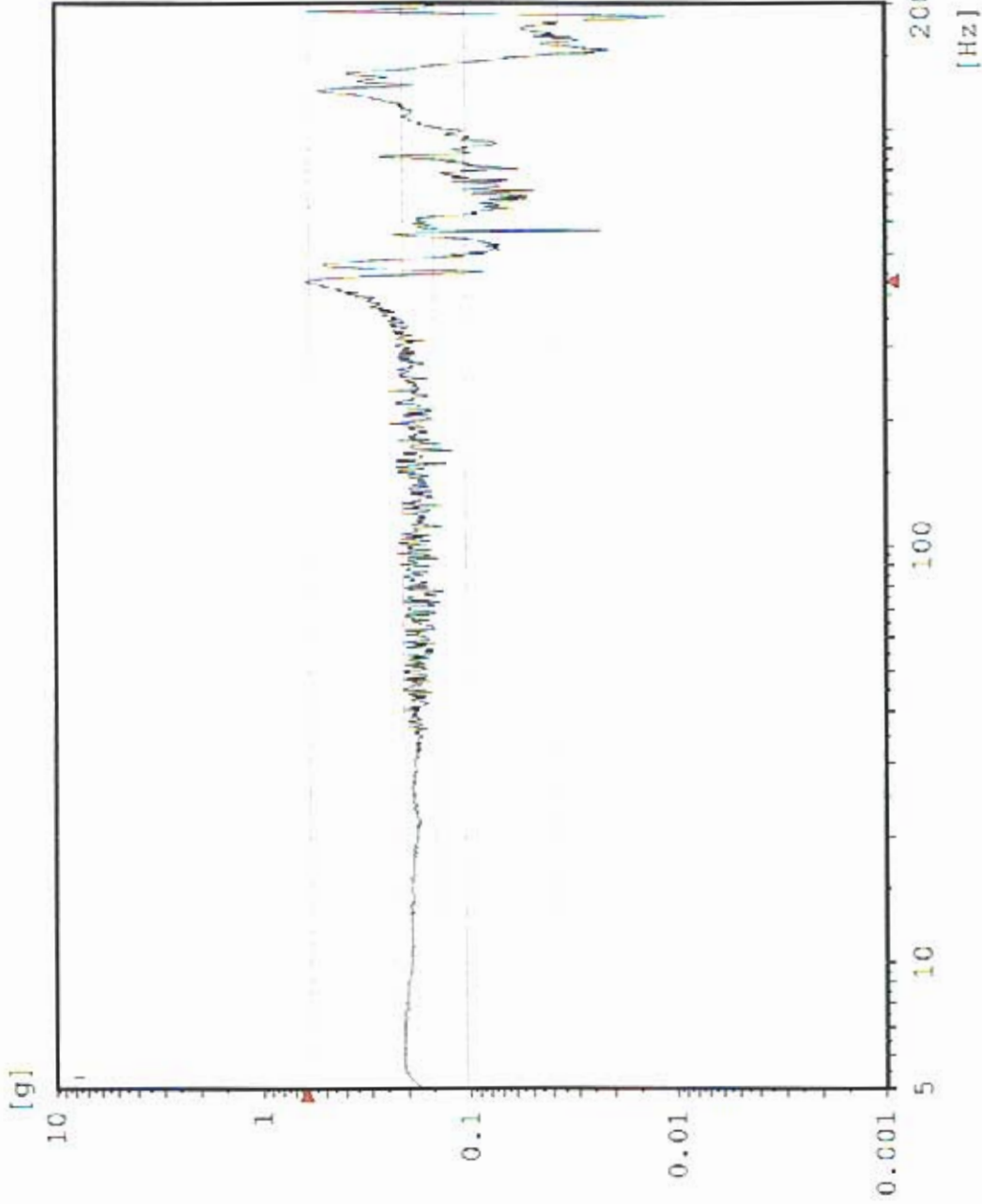


Sine AY1 TEM Center Edge

Stanford Linear Accelerator

J/N 49995.52057

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: 06-20-05
 Time: 12:48:52

Y - axis Post Random
 Acceptance Unit
 GLAT 1840

AY2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.52057
TEM / TPS

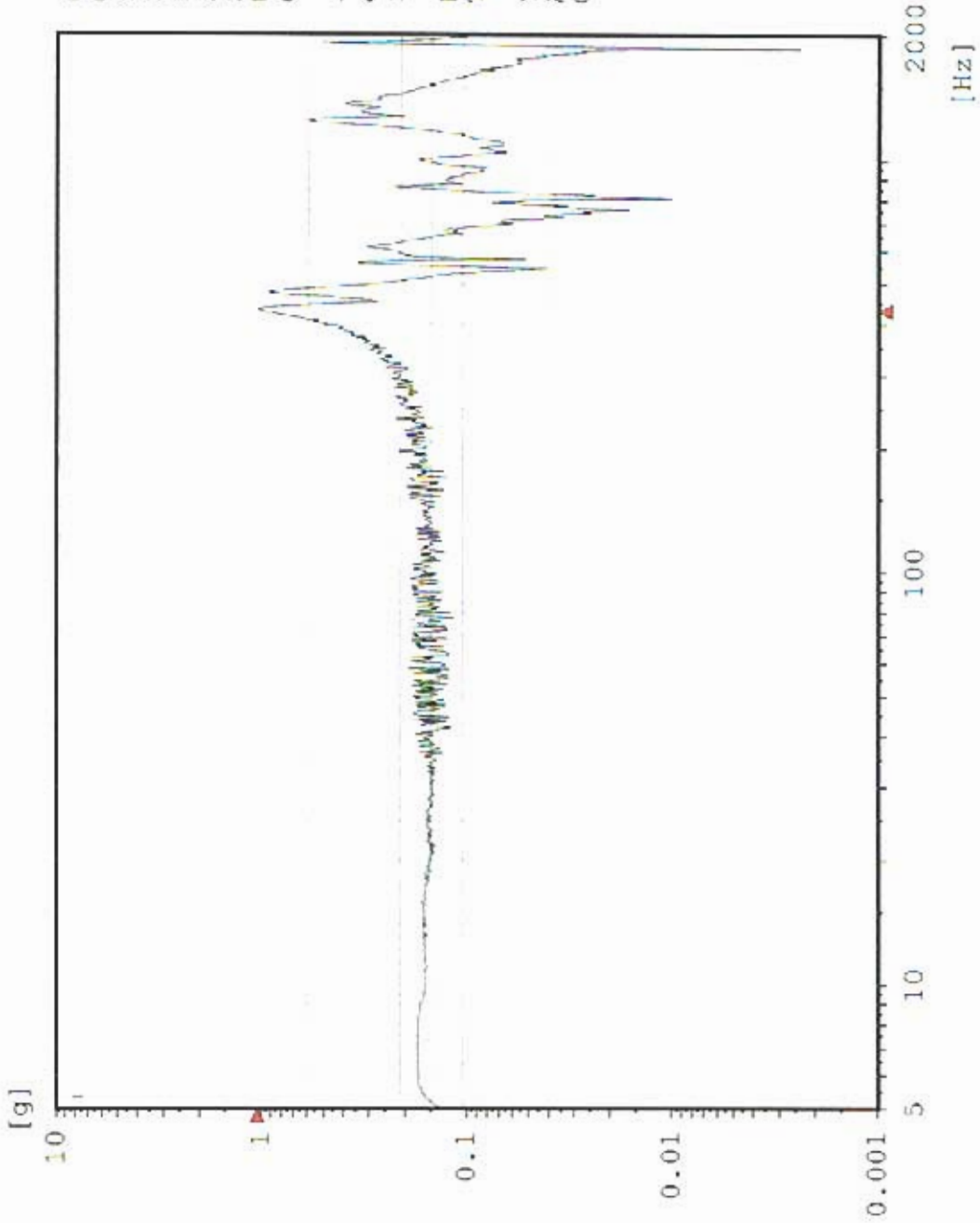


Chan.no: 10
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

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

Date: 06-20-05
Time: 12:48:52

Y - axis Post Random
Acceptance Unit
GLAT 1840

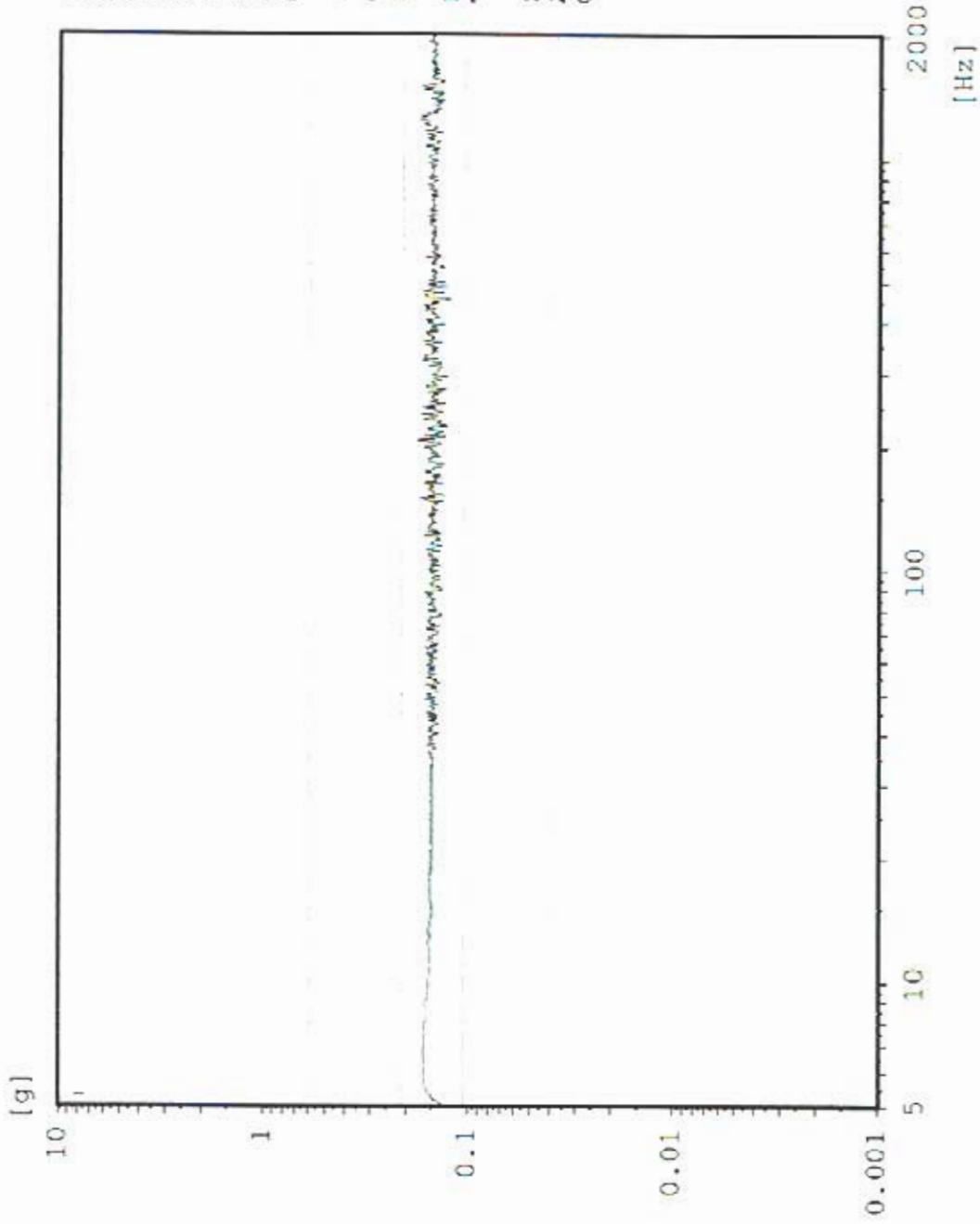


Sine CZ1 Z-Axis Control

Stanford Linear Accelerator

J/N 49995.52057

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: 06-20-05
Time: 14:39:57

Z - axis Pre Random
Acceptance Unit
GLAF 1840

AZ4 TPS BOSS 2

Sine
Stanford Linear Accelerator
J/N 49995.52057
TEM / TPS

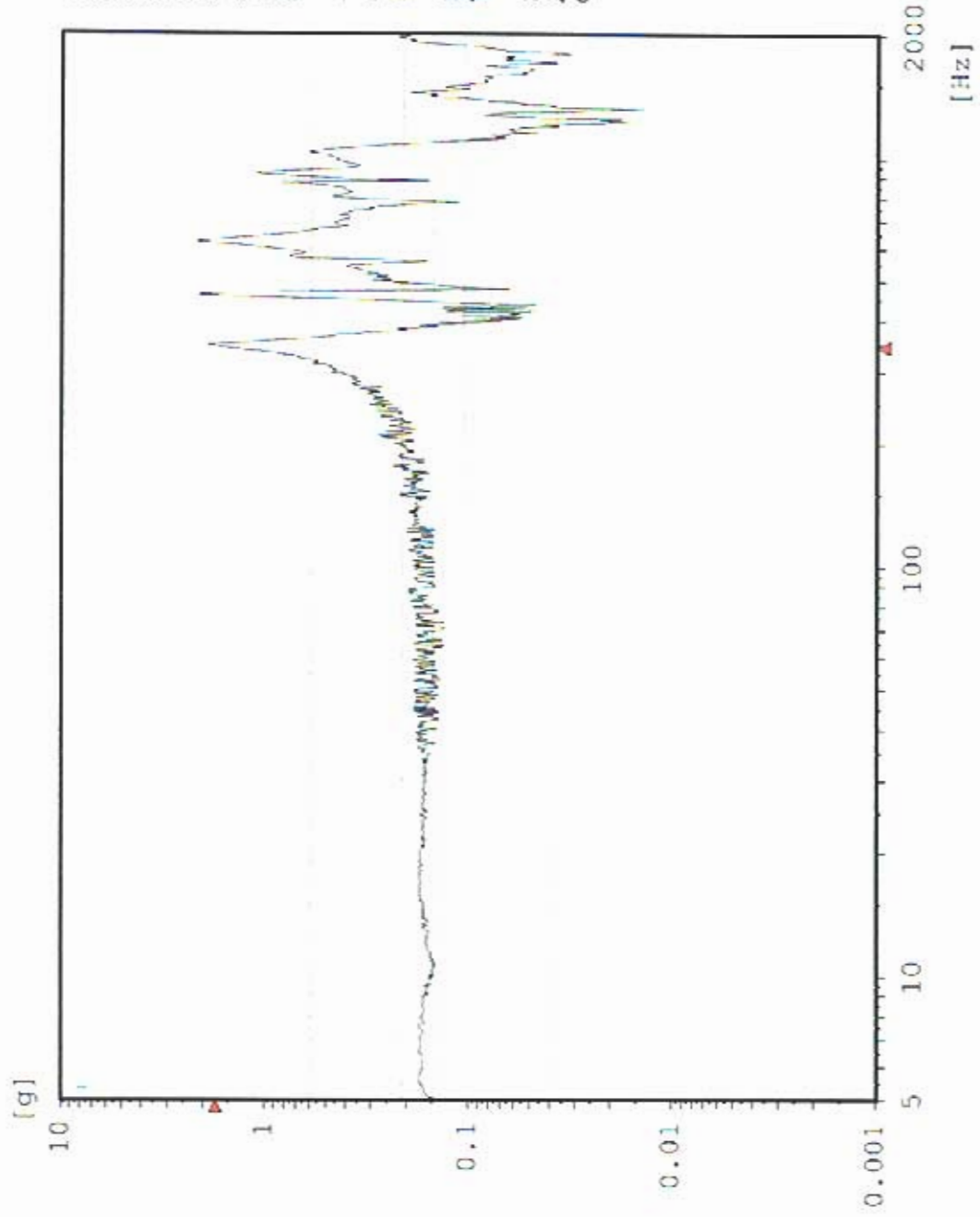


Chan.no: 2
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

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

Date: 06-20-05
Time: 14:39:57

Z - axis Pre Random
Acceptance Unit
GLAT 1840

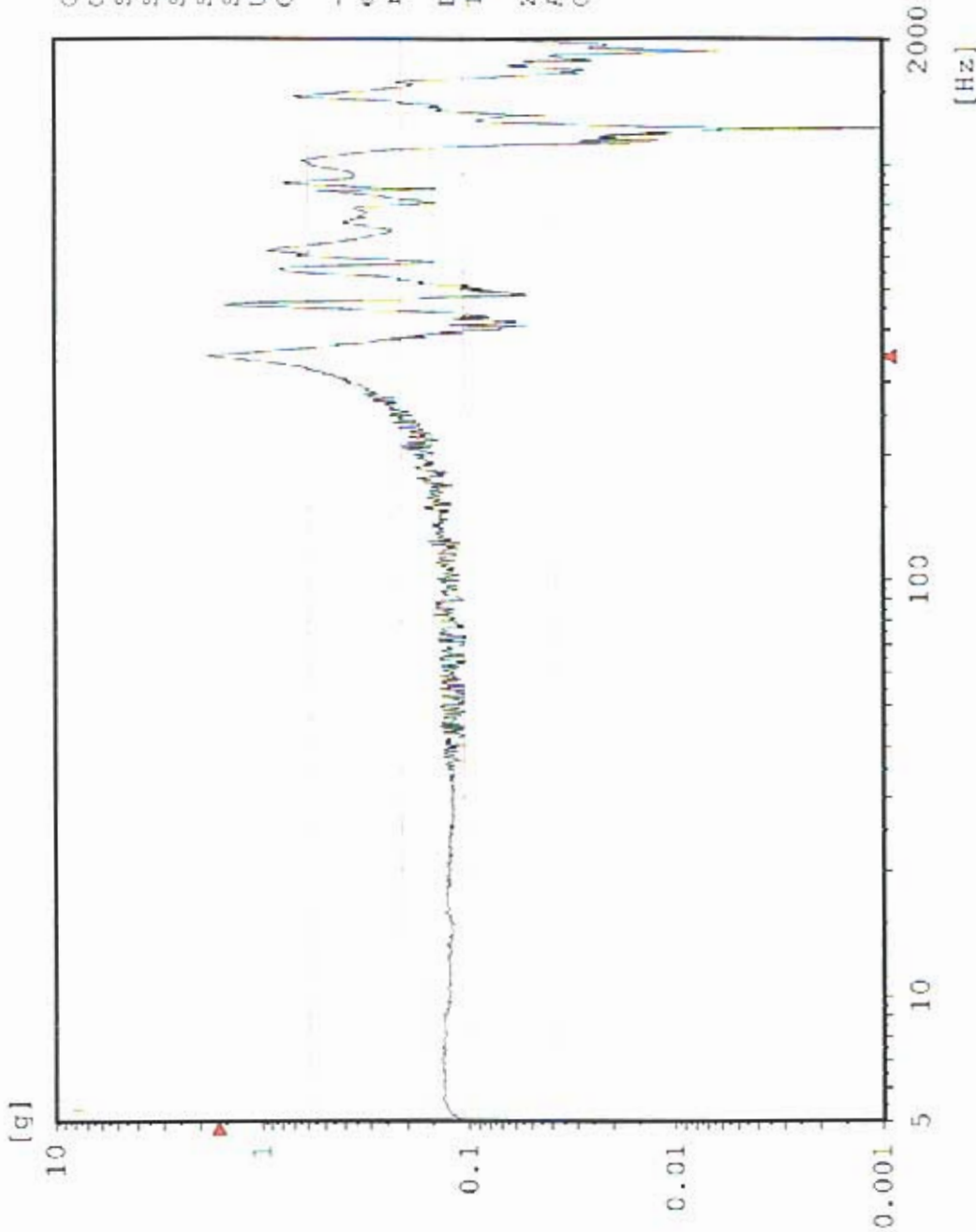


Sine AZ3 TPS Boss 1

Stanford Linear Accelerator

J/N 49995.52057

TEX / 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

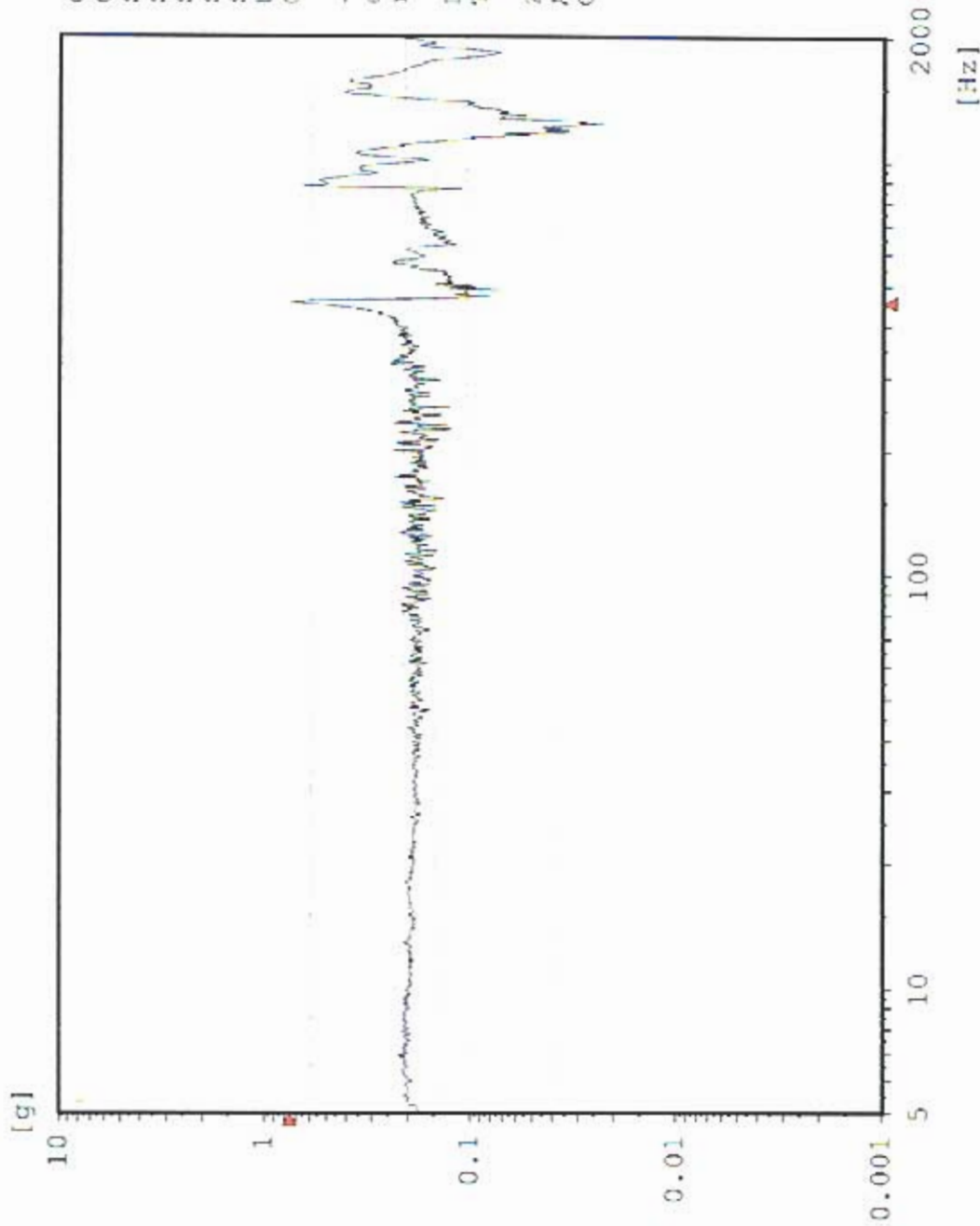
Date: 06-20-05
Time: 14:39:57

Z - axis Pre Random
Acceptance Unit
GLAT 1840

Max: 457.1 Hz 0.7558 g

Sine AZ5 TEM Bottom Edge

Stanford Linear Accelerator
J/N 49995.52057
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: 000:06:00

Date: 06-20-05
Time: 14:39:57

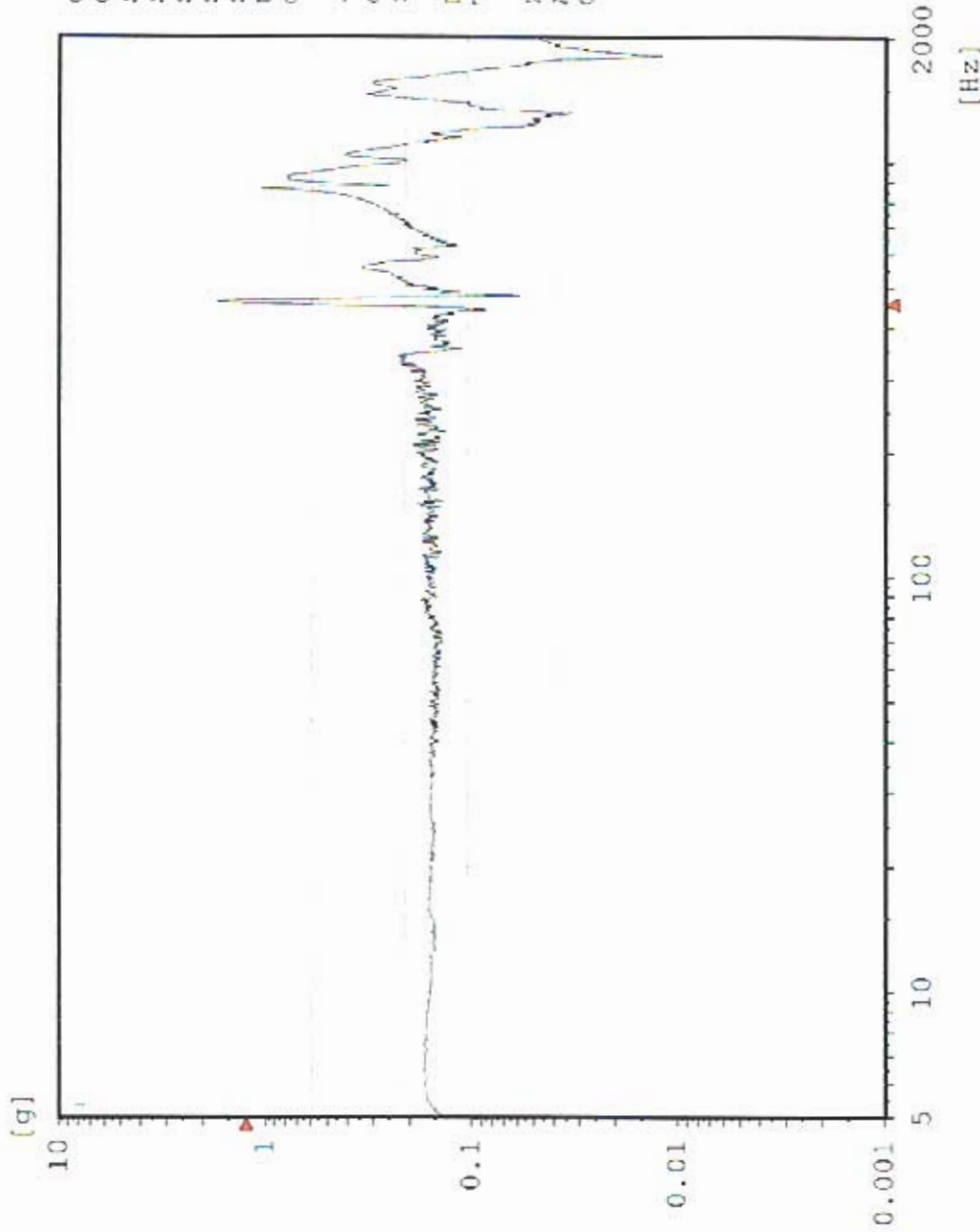
Z - axis Pre Random
Acceptance Unit
GLAT 1840

Sine AZ1 TPS Edge Center

Stanford Linear Accelerator

J/N 49995.52057

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: 000:06:00

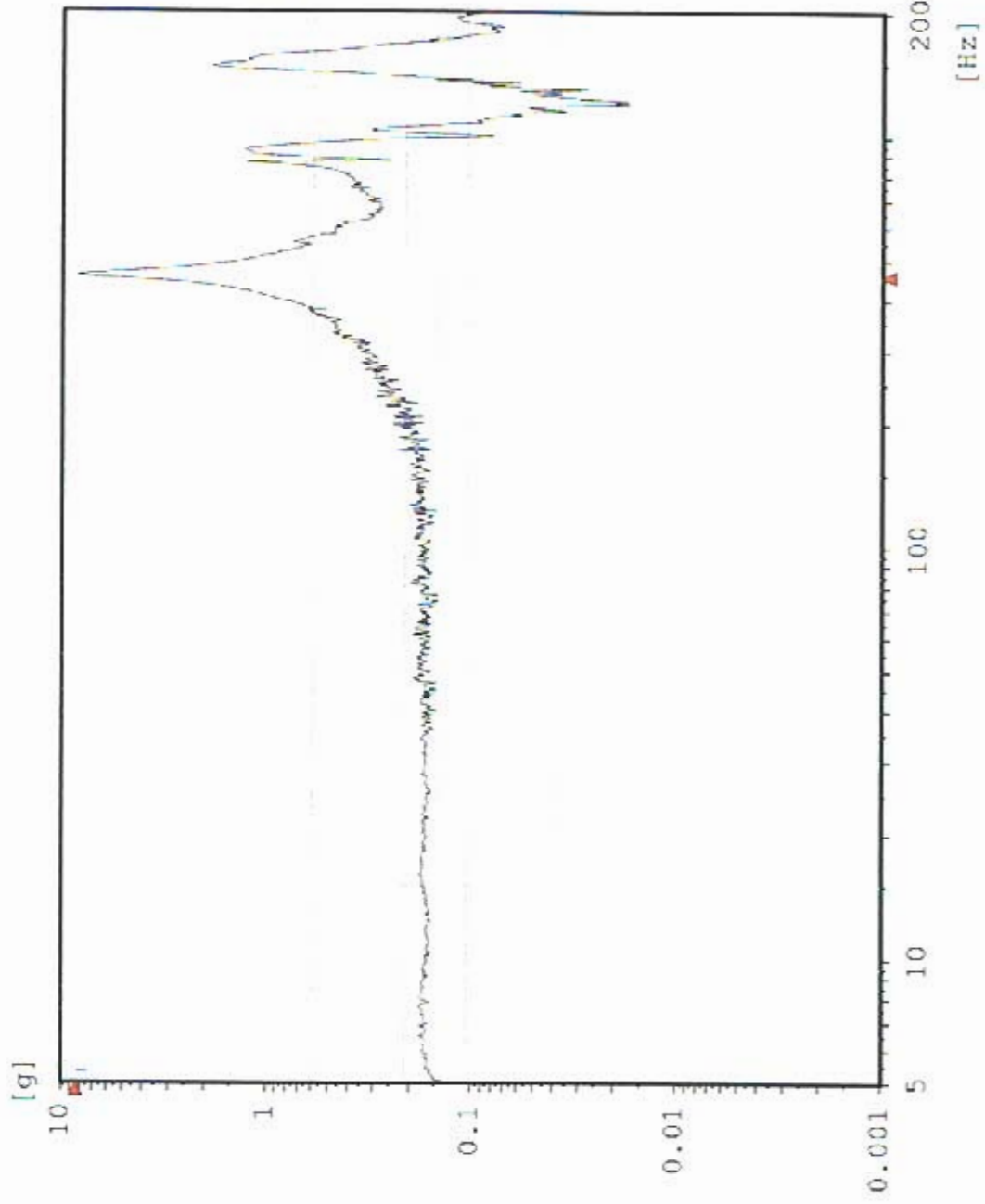
Date: 06-20-05
 Time: 14:39:57

Z - axis Pre Random
 Acceptance Unit
 GLAT 1840

Max: 457.1 Hz 8.486 g

Sine AZ6 TEM Bottom Center

Stanford Linear Accelerator
J/N 49995.52057
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

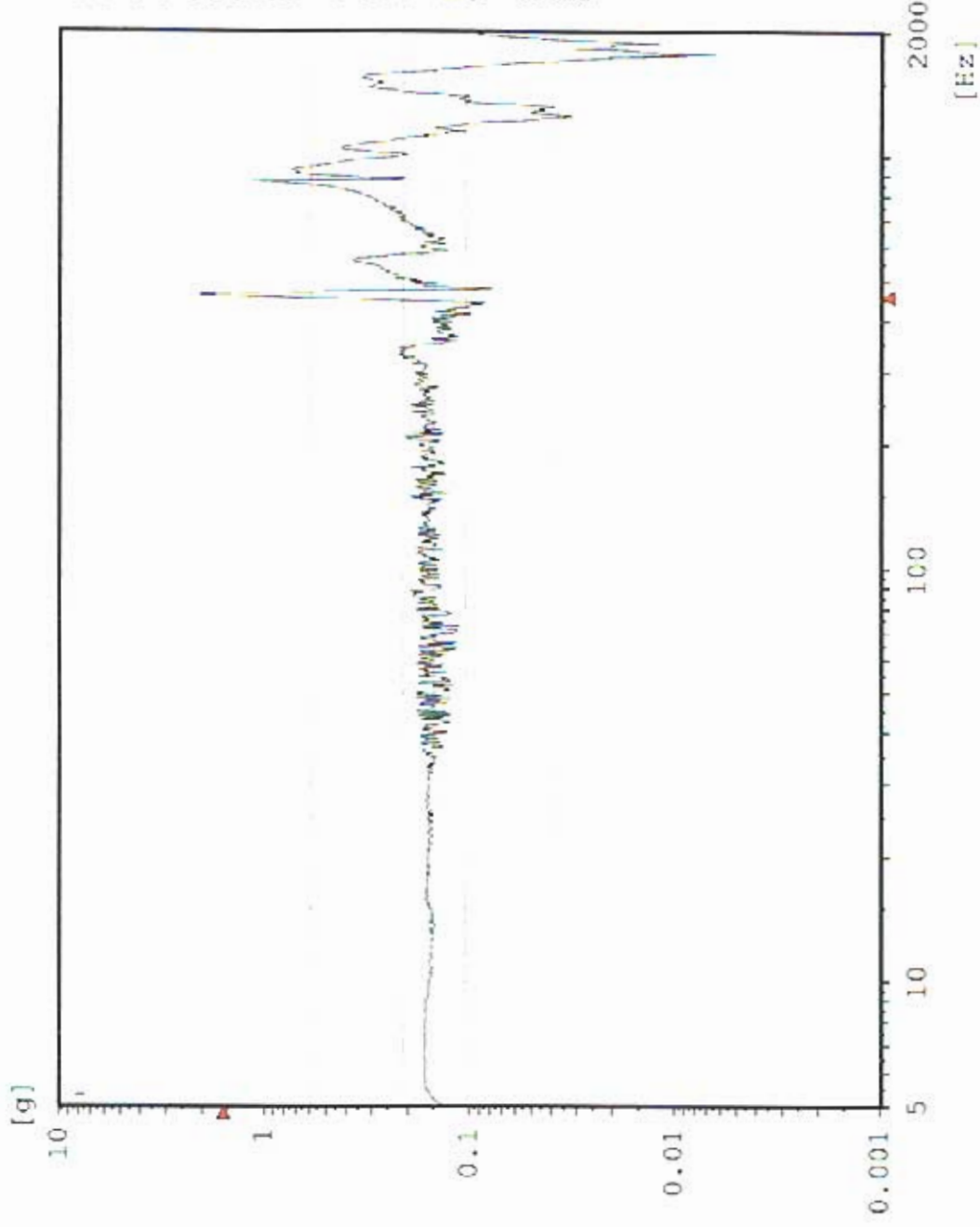
-- Testing time --
elapsed: 000:04:18
remaining: 000:00:00

Date: 06-20-05
Time: 14:39:57

Z - axis Pre Random
Acceptance Unit
GLAT 1840

AZ2 TPS Corner

Sine
Stanford Linear Accelerator
J/N 49995.52057
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

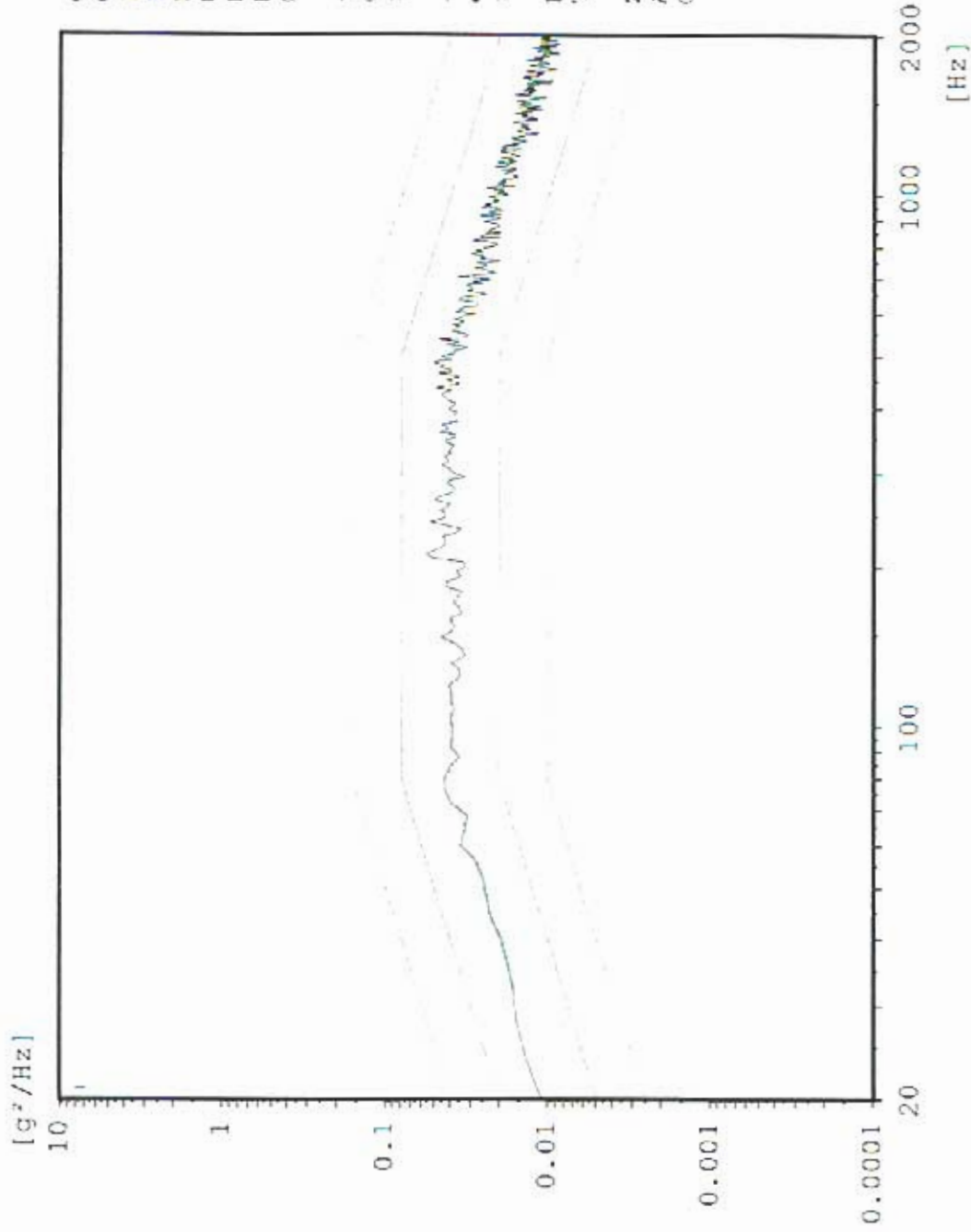
Date: 06-20-05
 Time: 14:39:57

Z - axis Pre Random
 Acceptance Unit
 GLAT 1840

Random

CZ1 Z-Axis Control

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 6.797 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: 06-20-05
Time: 14:53:03

Z - Axis
Acceptance Unit
GLAT 1840

Cursor: 336 Hz 2.473 g²/Hz

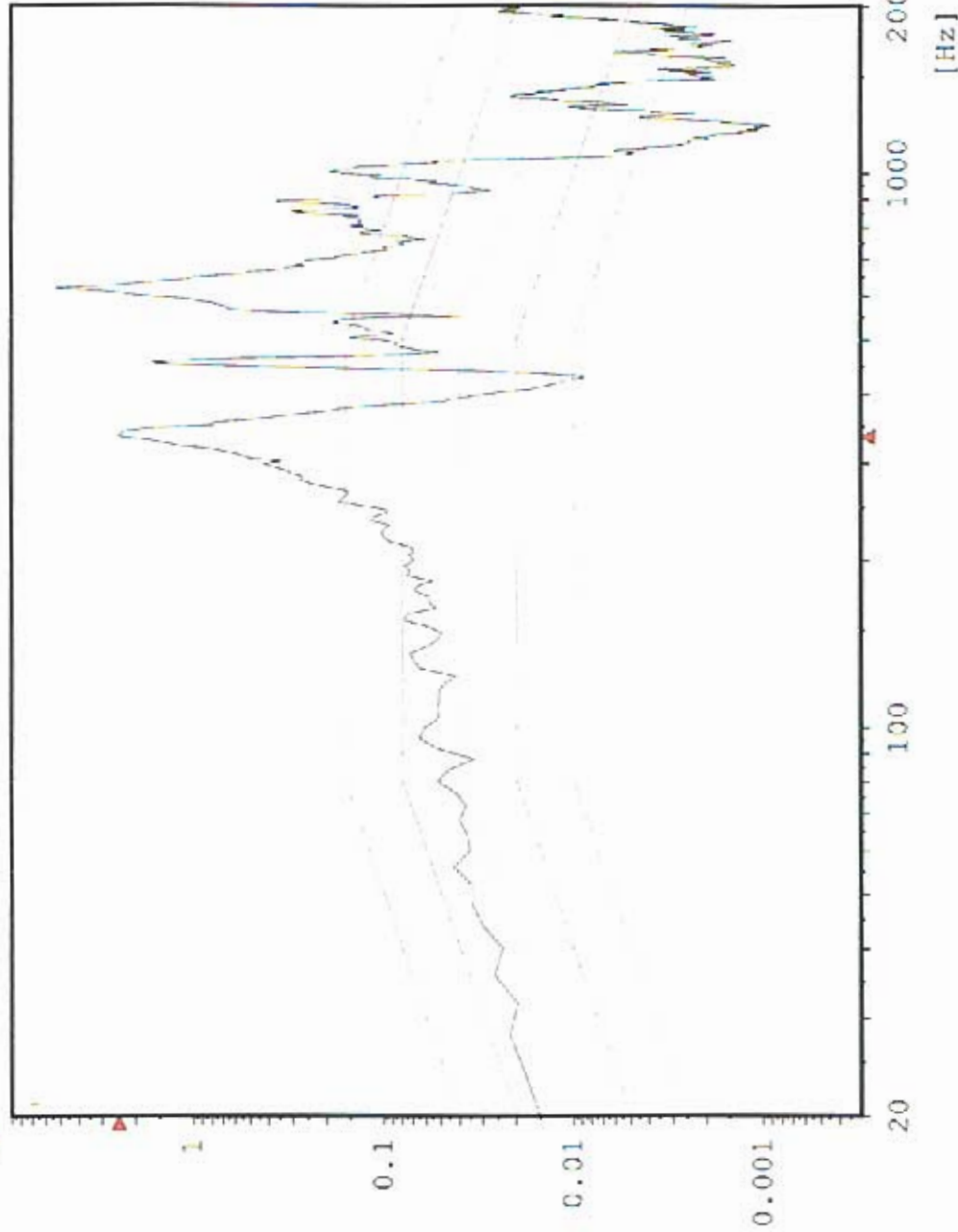
Random

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS

AZ4 TPS BOSS 2



[g²/Hz]



Chan.no: 2
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 19.14 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

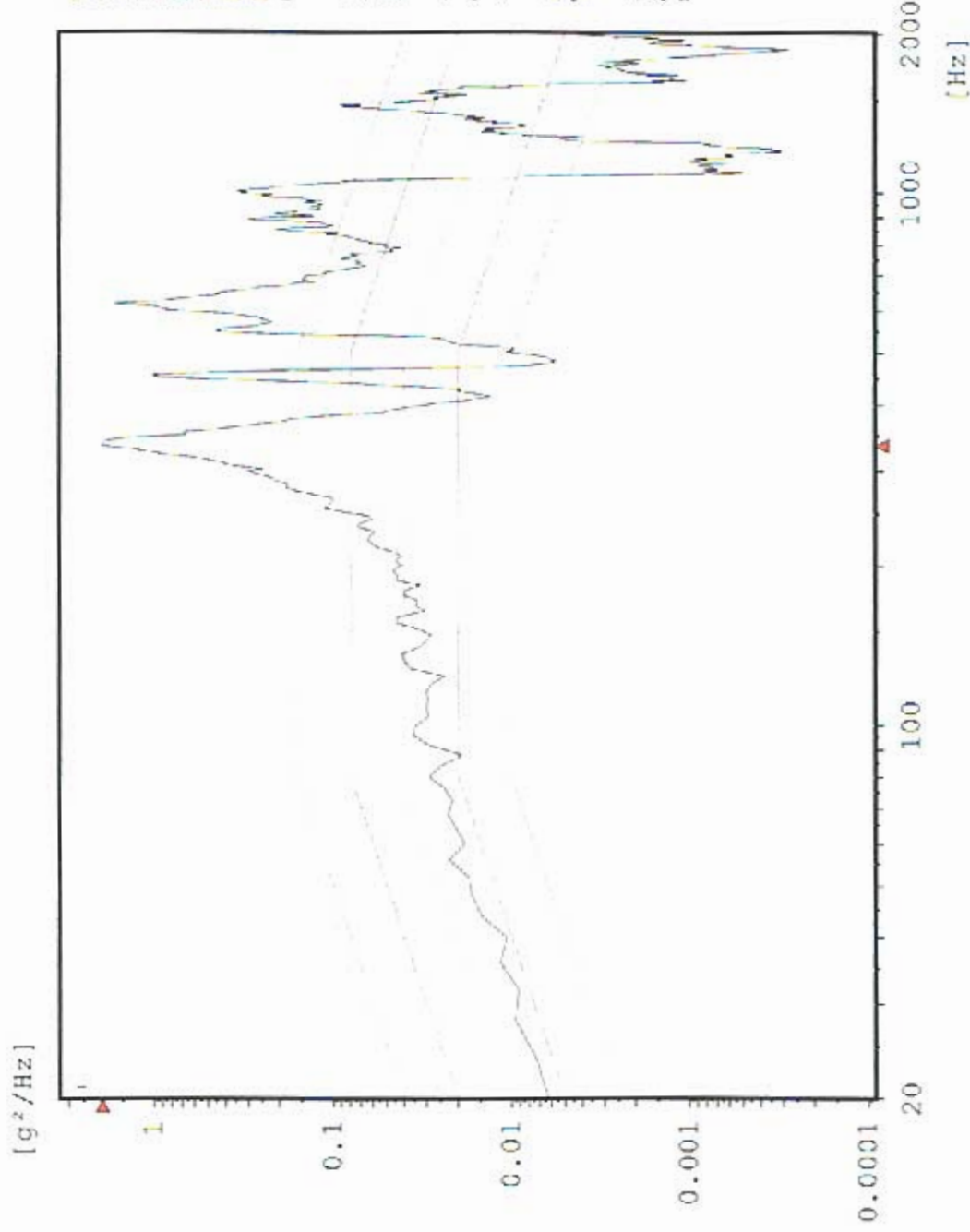
Date: 06-20-05
Time: 14:53:03

Z - Axis
Acceptance Unit
GLAT 1840

Max: 336 Hz 1.962 g²/Hz

Random AZ3 TPS Boss 1

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 15.09 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: 06-20-05
Time: 14:53:03

Z - Axis
Acceptance Unit
GLAT 1840

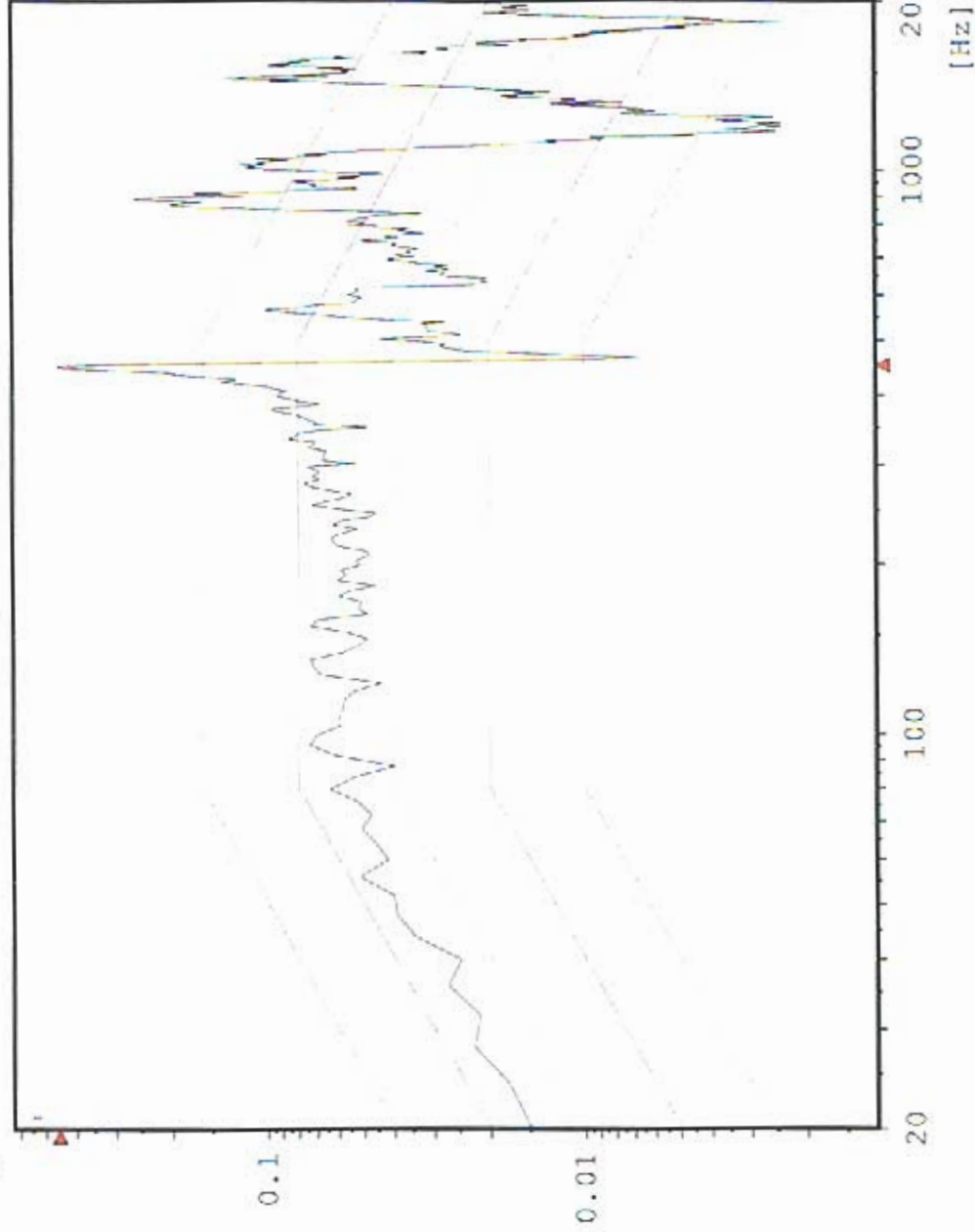
Max: 452 Hz 0.4552 g²/Hz

Random AZ5 TEM Bottom Edge

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



[g²/Hz]



Chan.no: 5
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 9.902 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: 06-20-05
Time: 14:53:03

Z - Axis
Acceptance Unit
GLAT 1840

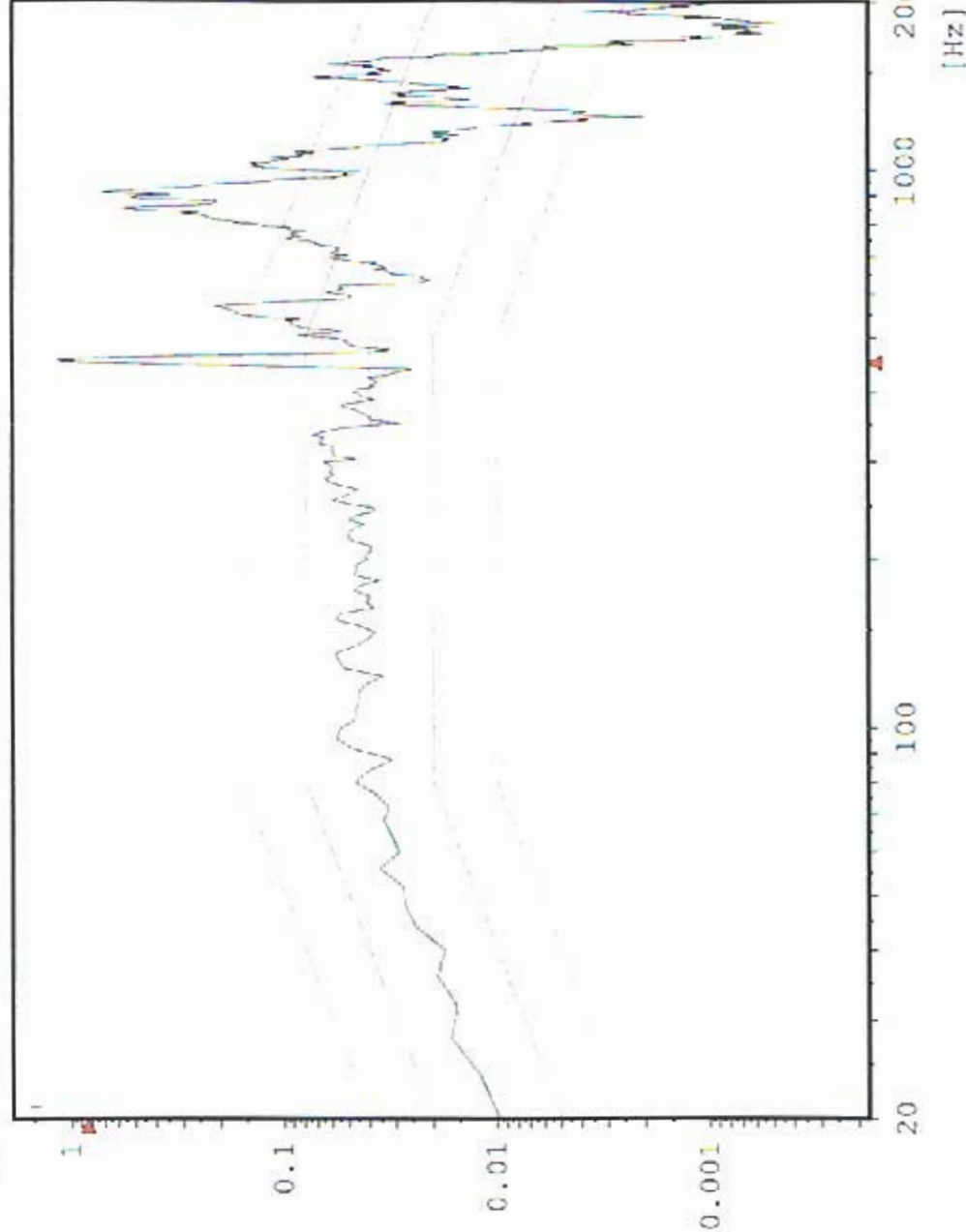
Cursor: 452 Hz 0.8462 g'/Hz

Random AZ1 TPS Edge Center

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



[g²/Hz]



Chan.no: 6
Chan.type: M
DOP: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 11.61 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: 06-20-05
Time: 14:53:03

Z - Axis
Acceptance Unit
GLAT 1840

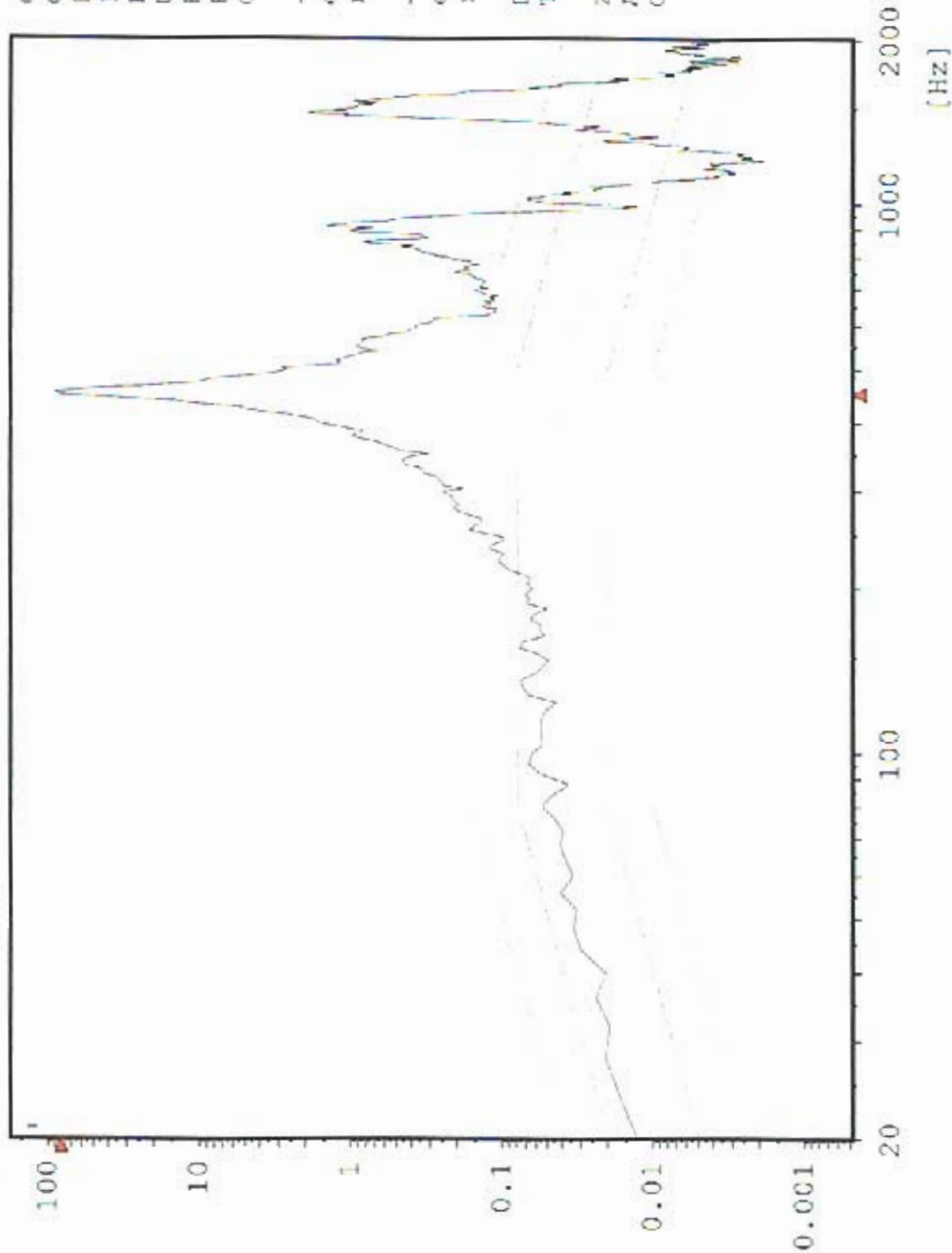
Cursor: 452 Hz 82.61 g²/Hz

Random AZ6 TEM Bottom Center

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS



[g²/Hz]



Chan.no: 8
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 49.41 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: 06-20-05
Time: 14:53:03

Z - Axis
Acceptance Unit
GLAT 1840

Cursor: 452 Hz 1.402 g²/Hz

Random AZ2 TPS Corner

Stanford Linear Accelerator
J/N 49995.52057
TEM & TPS

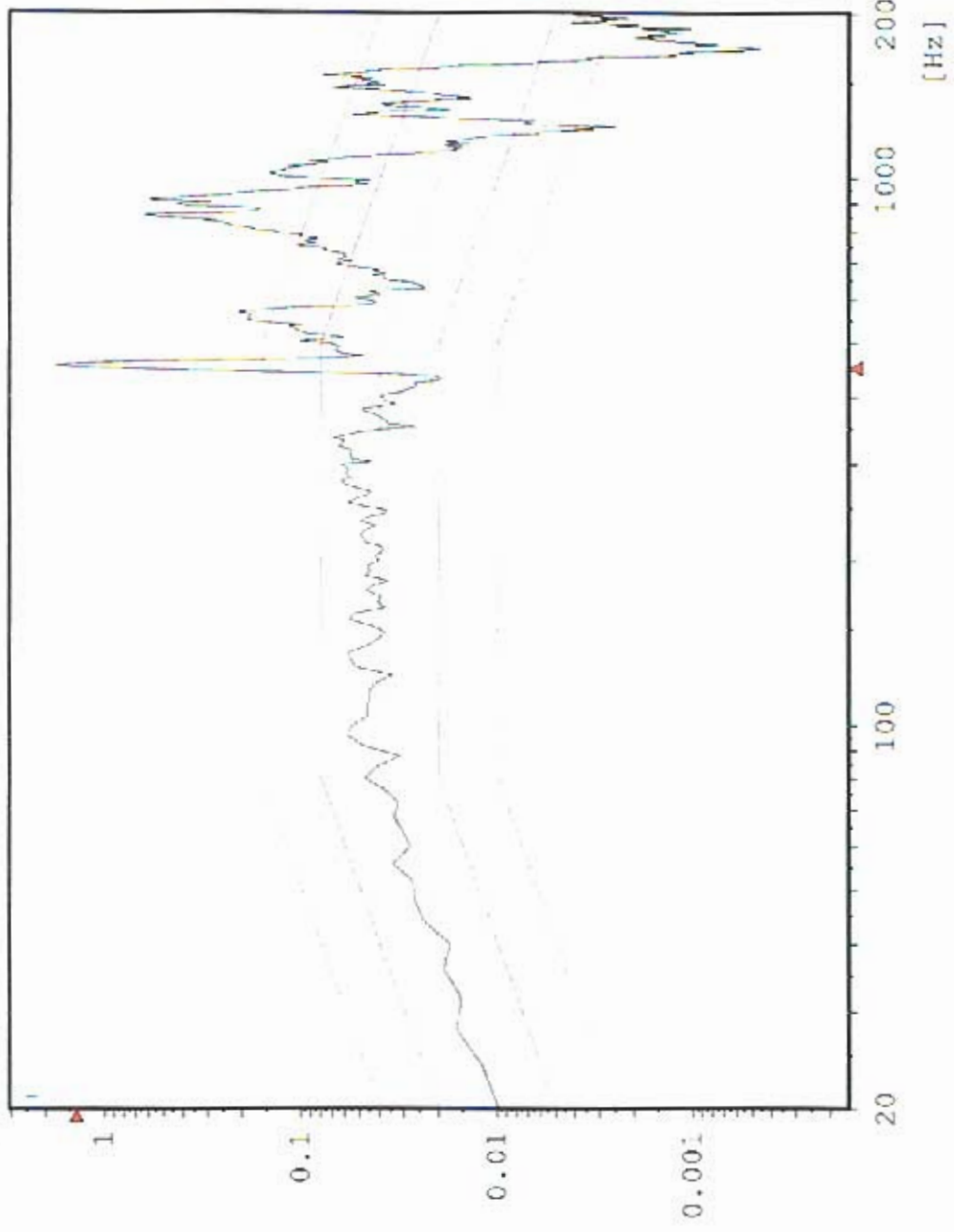


Chan.no: 10
Chan.type: M
DOP: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 11.93 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:01
remaining: 000:00:-1
-- Time total --
elapsed: 000:02:55
remaining: 000:00:-1

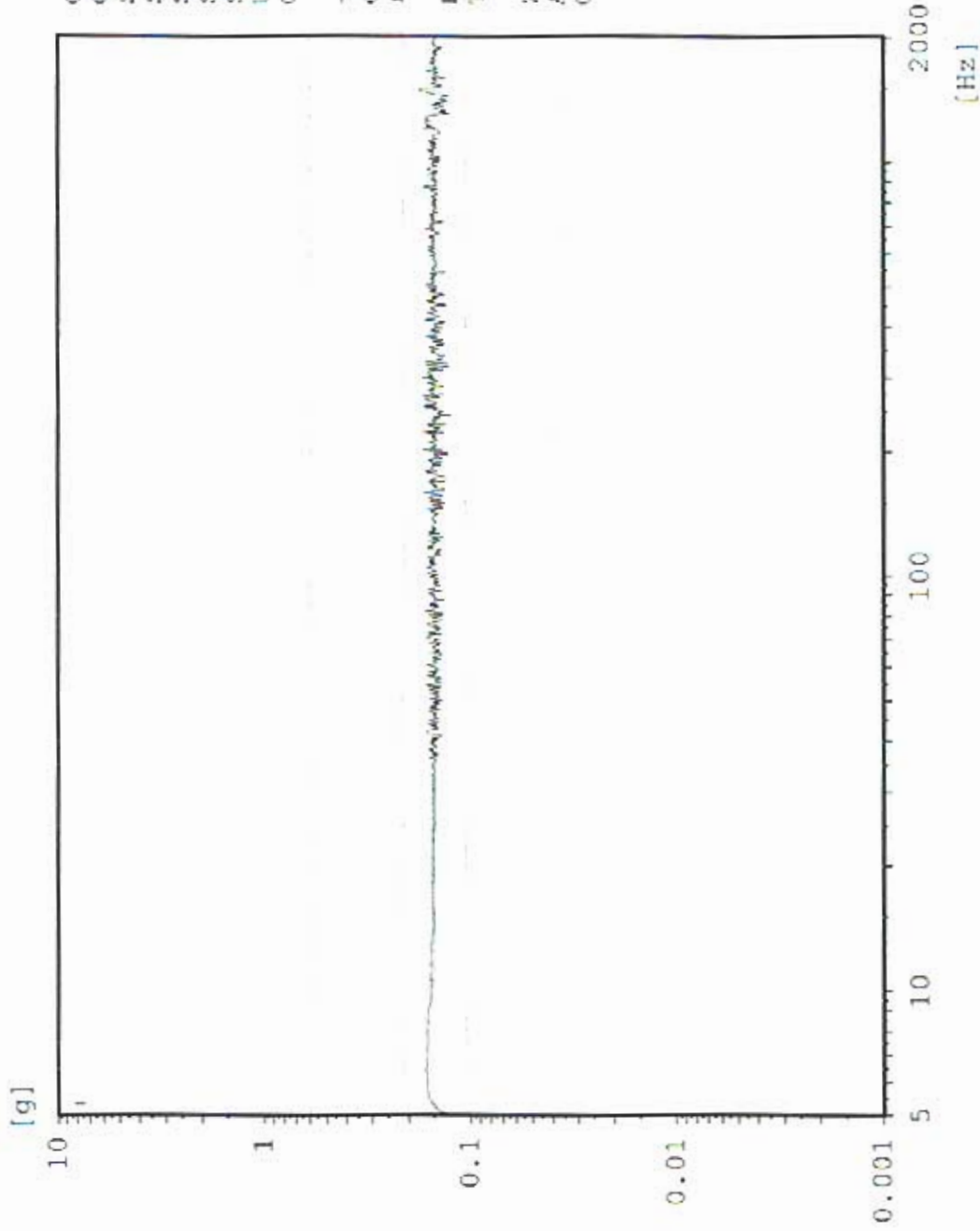
Date: 06-20-05
Time: 14:53:03

Z - Axis
Acceptance Unit
GLAT 1840



Sine CZ1 Z-Axis Control

Stanford Linear Accelerator
J/N 49995.52057
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

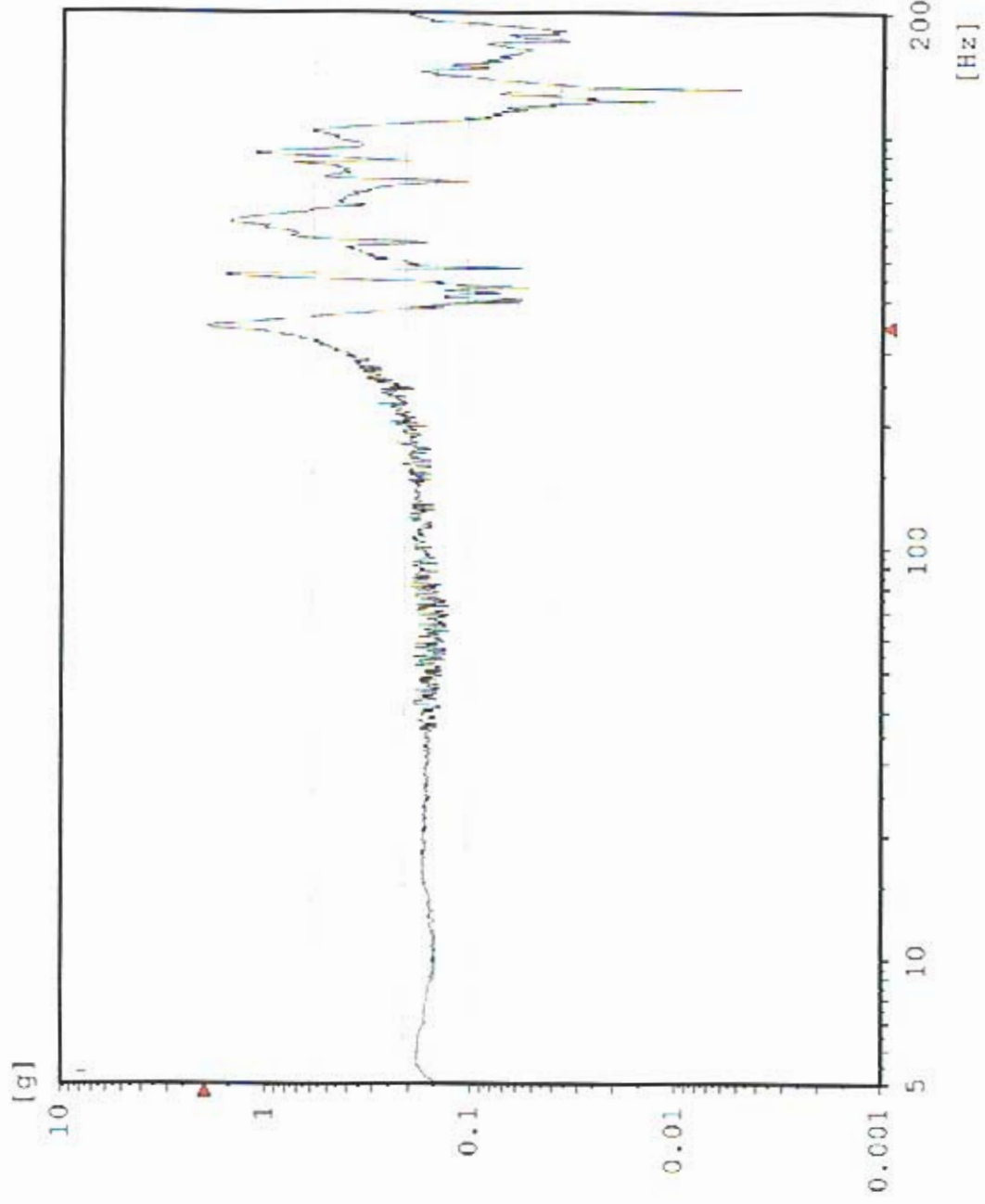
Date: 06-20-05
Time: 15:03:35

Z - axis Post Random
Acceptance Unit
GLAT 1840

Max: 345.1 Hz 1.985 g

AZ4 TPS Boss 2

Sine
Stanford Linear Accelerator
J/N 49995.52057
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

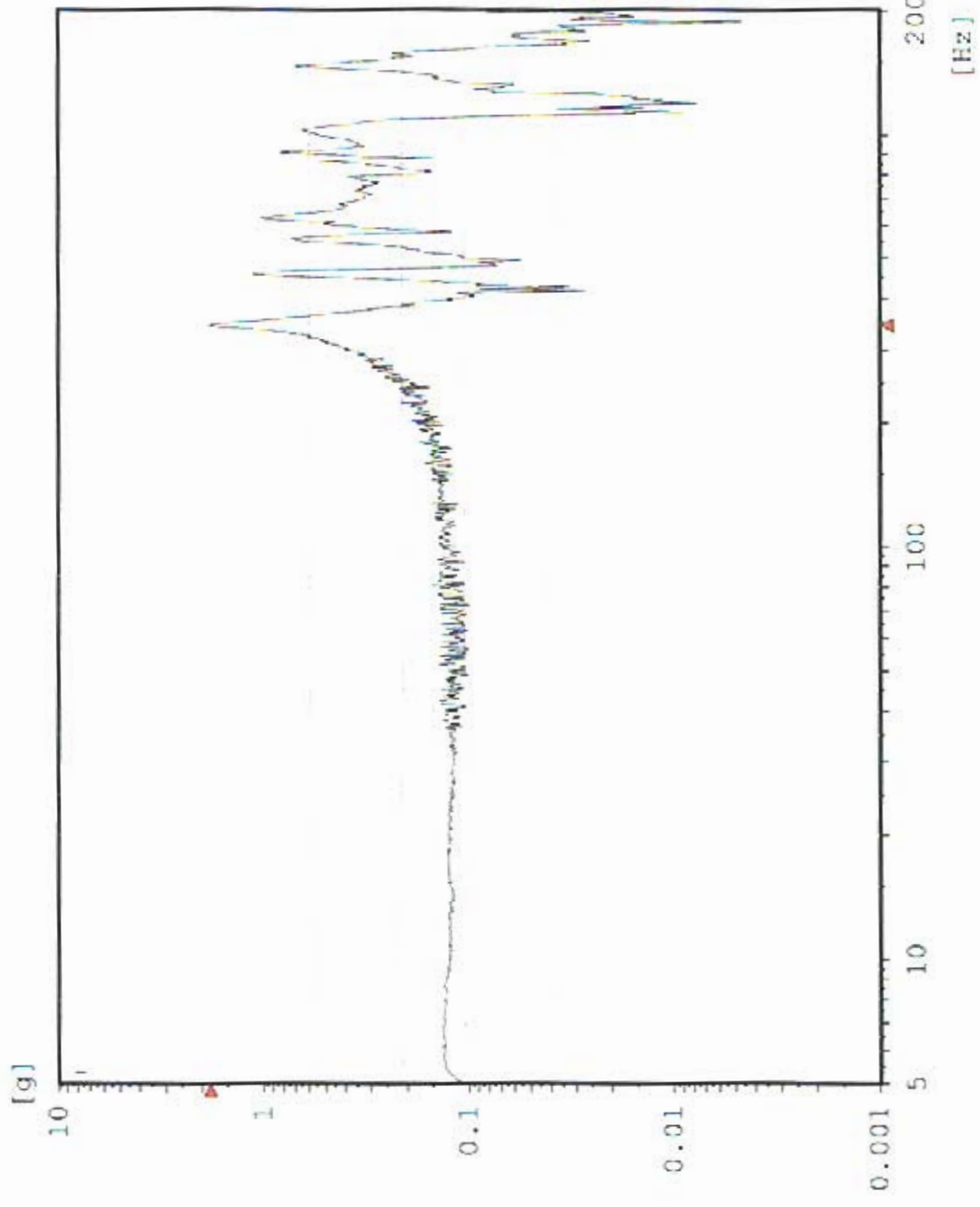
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-20-05
 Time: 15:03:35

Z - axis Post Random
 Acceptance Unit
 GLAT 1840

AZ3 TPS Boss 1

Sine
Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 15:03:35

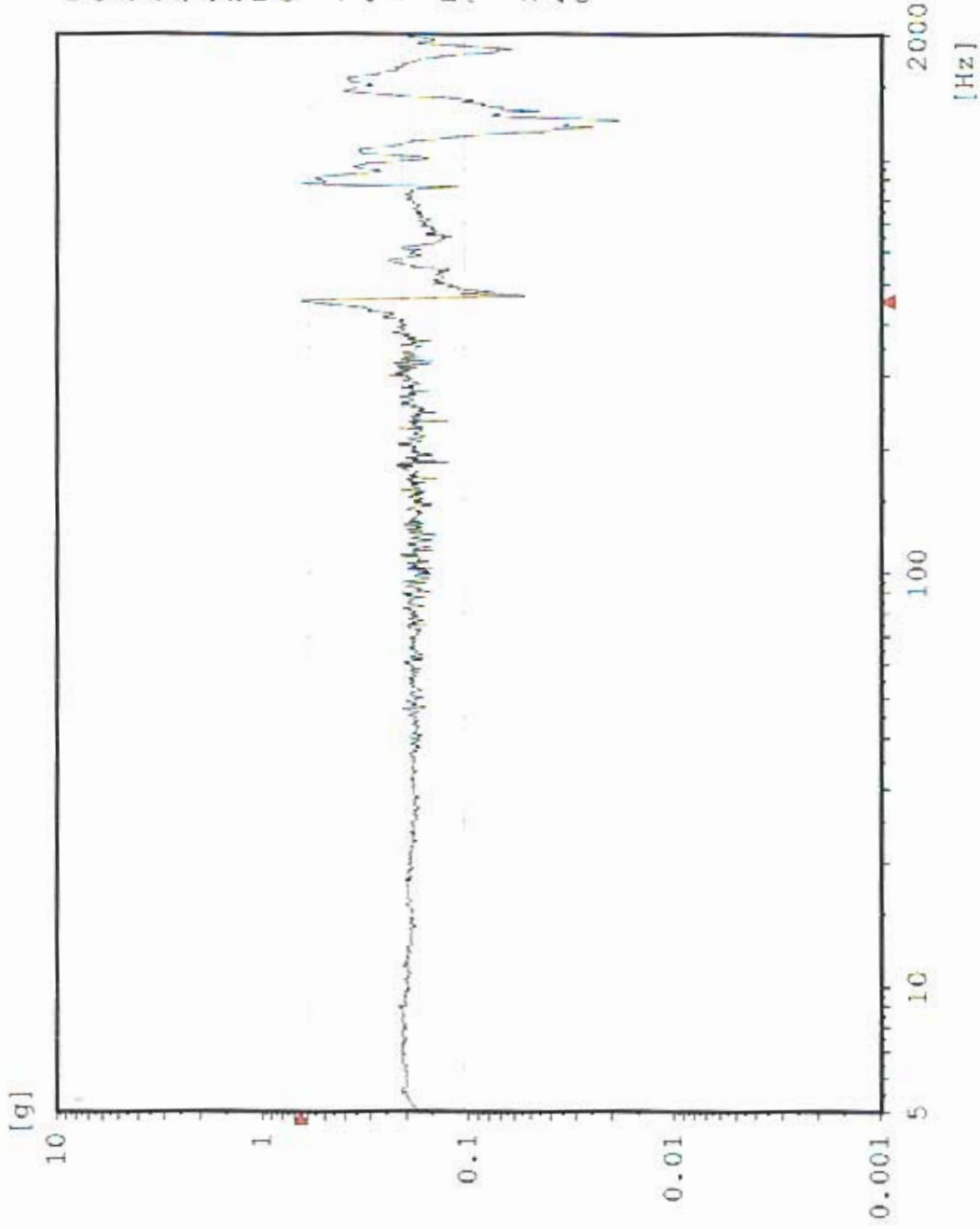
Z - axis Post Random
 Acceptance Unit
 GLAT 1840

Sine AZ5 TEM Bottom Edge

Stanford Linear Accelerator

J/N 49995.52057

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

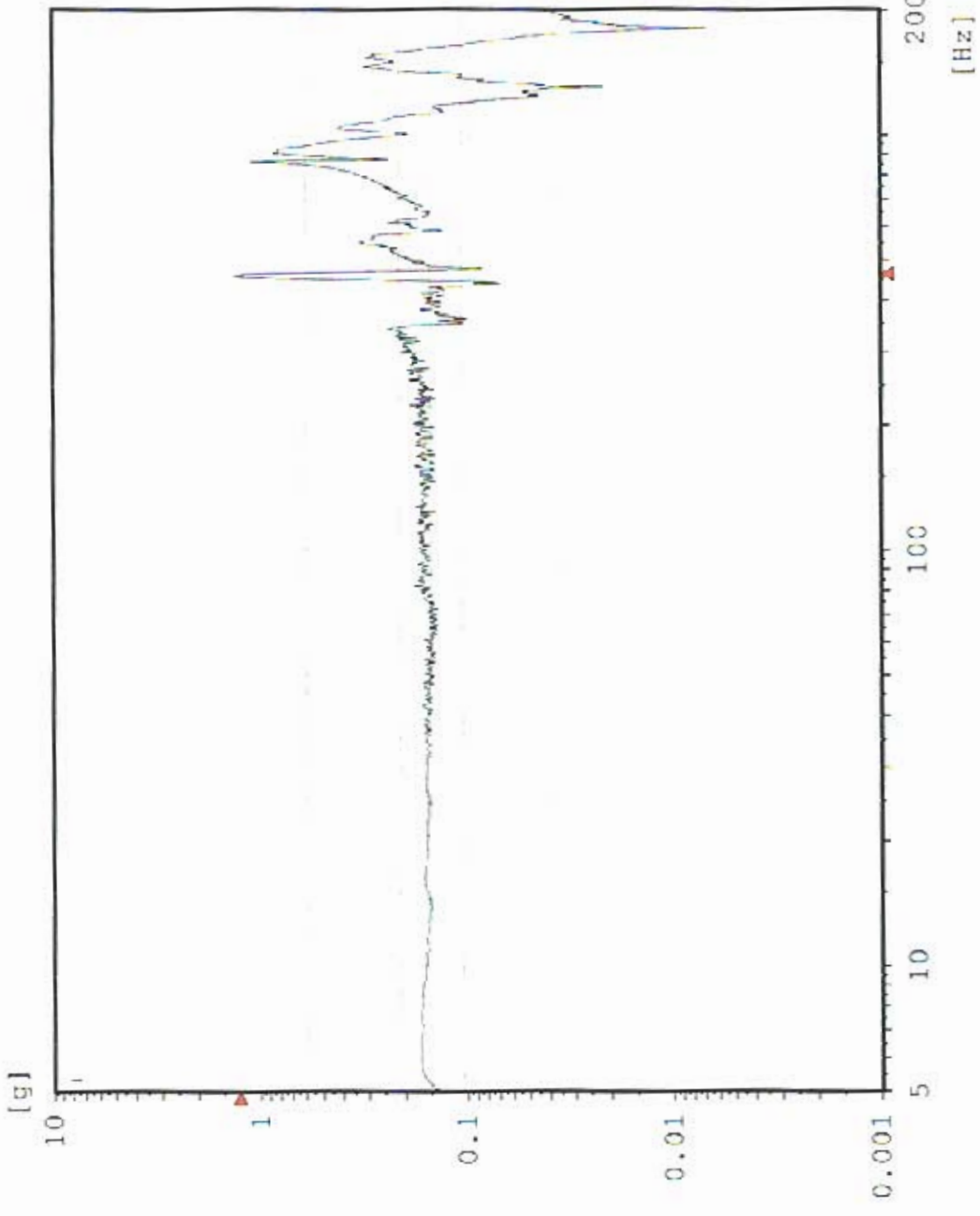
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-26-05
 Time: 15:03:35

Z - axis Post Random
 Acceptance Unit
 GLAT 1840

AZ1 TPS Edge Center

Sine
Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 15:03:35

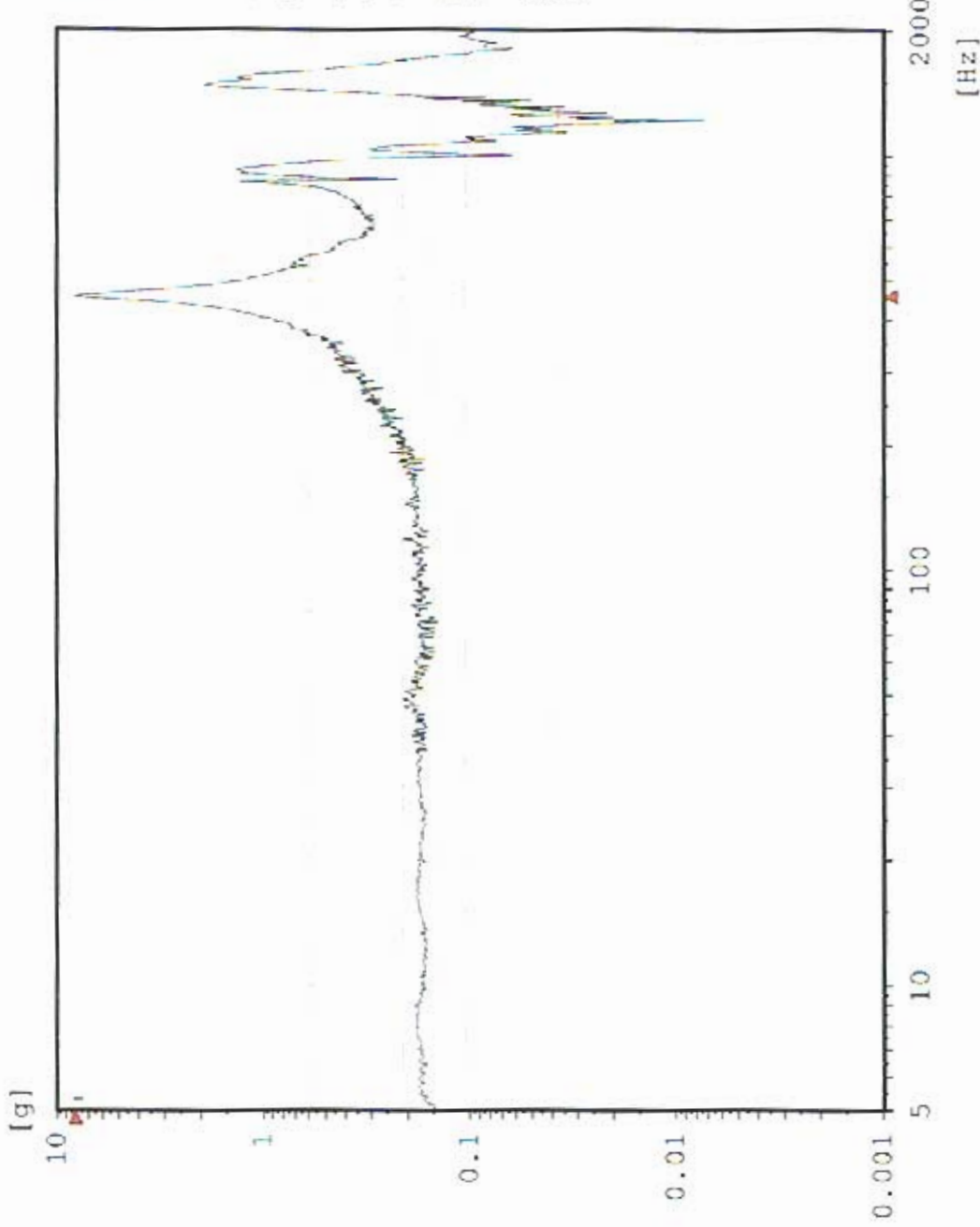
Z - axis Post Random
 Acceptance Unit
 GLAT 1840

Sine AZ6 TEM Bottom Center

Stanford Linear Accelerator

J/N 49995.52057

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

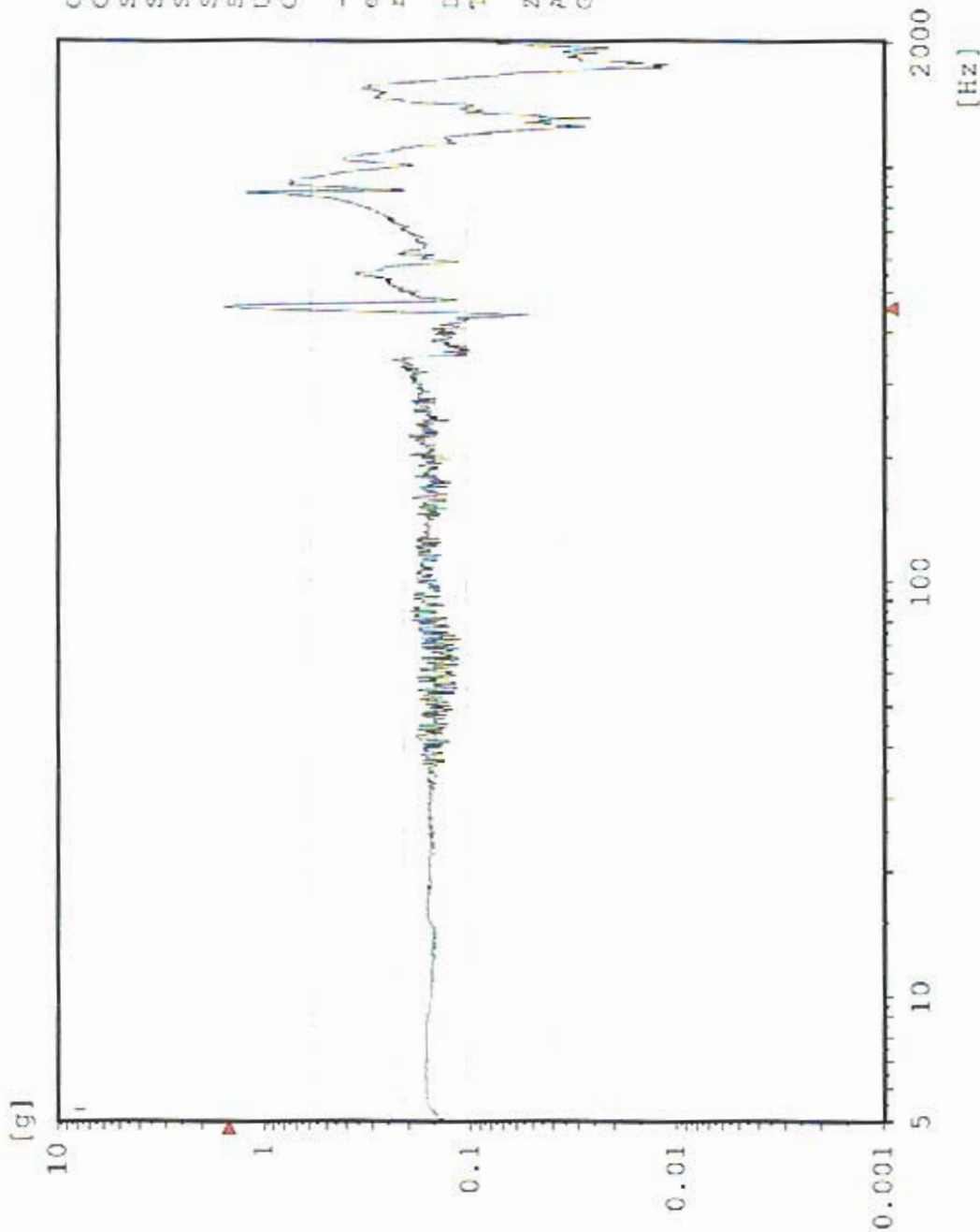
-- Testing time --
 elapsed: 000:04:18
 remaining: 000:00:00

Date: 06-20-05
 Time: 15:03:35

Z - axis Post Random
 Acceptance Unit
 GLAT 1840

AZ2 TPS Corner

Sine
Stanford Linear Accelerator
J/N 49995.52057
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: 06-20-05
 Time: 15:03:35

Z - axis Post Random
 Acceptance Unit
 GUAT 1840