

Appendix A

Accelerometer Sensitivities and Charge Amp Settings



GLAST LAT Project TEM/TPS 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					3	3000	1000
AZ1	6	411K82	2226C	3.038	30	3000	100
AZ2	10	16139	2226C	3.027	30	3000	100
AZ3	3	16017	2226C	3.030	30	3000	100
AZ4	2	411K89	2226C	3.006	30	3000	100
AZ5	5	30798	2222C	1.747	30	3000	100
AZ6	9	30743	2222C	1.595	100	3000	30
CX1		13048	2271A1120	12.43	3	2000	1000
AX1	5	30798	2222C	1.747	30	3000	100
AX2	10	30798	2222C	1.747	30	3000	100
AX3	2	411K89	2226C	3.006	30	3000	100
AX4	3	16017	2226C	3.030	30	3000	100
CY1		13048	2271A1120	12.43	3	3000	1000
AY1	5	30798	2222C	1.747	30	3000	1000
AY2	10	30798	2222C	1.747	30	3000	100
AY3	2	411K89	2226C	3.006	30	3000	100
AY4	3	16017	2226C	3.030	30	3000	100

16139 2226C 3.027

Appendix B - Test Log *skt 1*

GLAST LAT Project TEM/TPS Vibration Testing

Test Log

Date	Time	Unit #	Axis	Sine or Random	Level [g]/[grms]	Frequency [Hz]	File Name	Remarks
5/11/05	11:00	1816	X-Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acceptance	X_015.PSW
	11:15	1816	X-Y	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acceptance	X_016.PSW
	11:30	1816	X	R SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	X_016.PSW
	12:00	1816	X	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acceptance	X_016.PSW
	12:15	1816	X	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	X_011.PSW
	12:30	1816	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	Y_017.PSW
	12:45	1816	Y	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acceptance	Y_017.PSW
	1:30	1816	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	Y_013.PSW
	2:20	1813	X	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acceptance	X_012.PSW
	2:30	1813	X	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acceptance	X_007.PSW
	2:40	1813	X	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	X_013.PSW
	3:15	1813	X	SINE	0.15	5-2000	"	X_014.PSW
	3:30	1813	X	SINE	0.15	5-2000	"	X_015.PSW
	3:40	1813	X	SINE	0.15	5-2000	"	X_016.PSW
	4:00	1813	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acceptance	Y_019.PSW
	4:20	1813	Y	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acceptance	Y_019.PSW
	4:30	1813	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	Y_010.PSW
	4:40	1834	X	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	X_017.PSW
	4:45	1834	X	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acc	X_013.PSW
	4:50	1834	X	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	X_014.PSW
	5:10	1834	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	Y_011.PSW
	5:20	1834	Y	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acc	Y_011.PSW
	5:30	1833	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	Y_012.PSW
	5:45	1833	X	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	X_014.PSW
	5:55	1833	X	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acc	X_014.PSW
	6:05	1833	X	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	X_020.PSW
	6:20	1833	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	Y_013.PSW
	6:30	1833	Y	Random	Acc 6.8	5-2000	SLAC 6.8 Grms TEM/TPS Acc	Y_013.PSW
	6:35	1833	Y	SINE	0.15	5-2000	SLAC 0.15g 5-2000 Acc	Y_014.PSW

Appendix D – Test Data Package Checklist



GLAST LAT Project TEM/TPS Vibration Testing

Qualification/Acceptance Test Data Package Checklist (Items supplied by Wyle Labs at end of test)

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

CX1 X-Axis Control

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



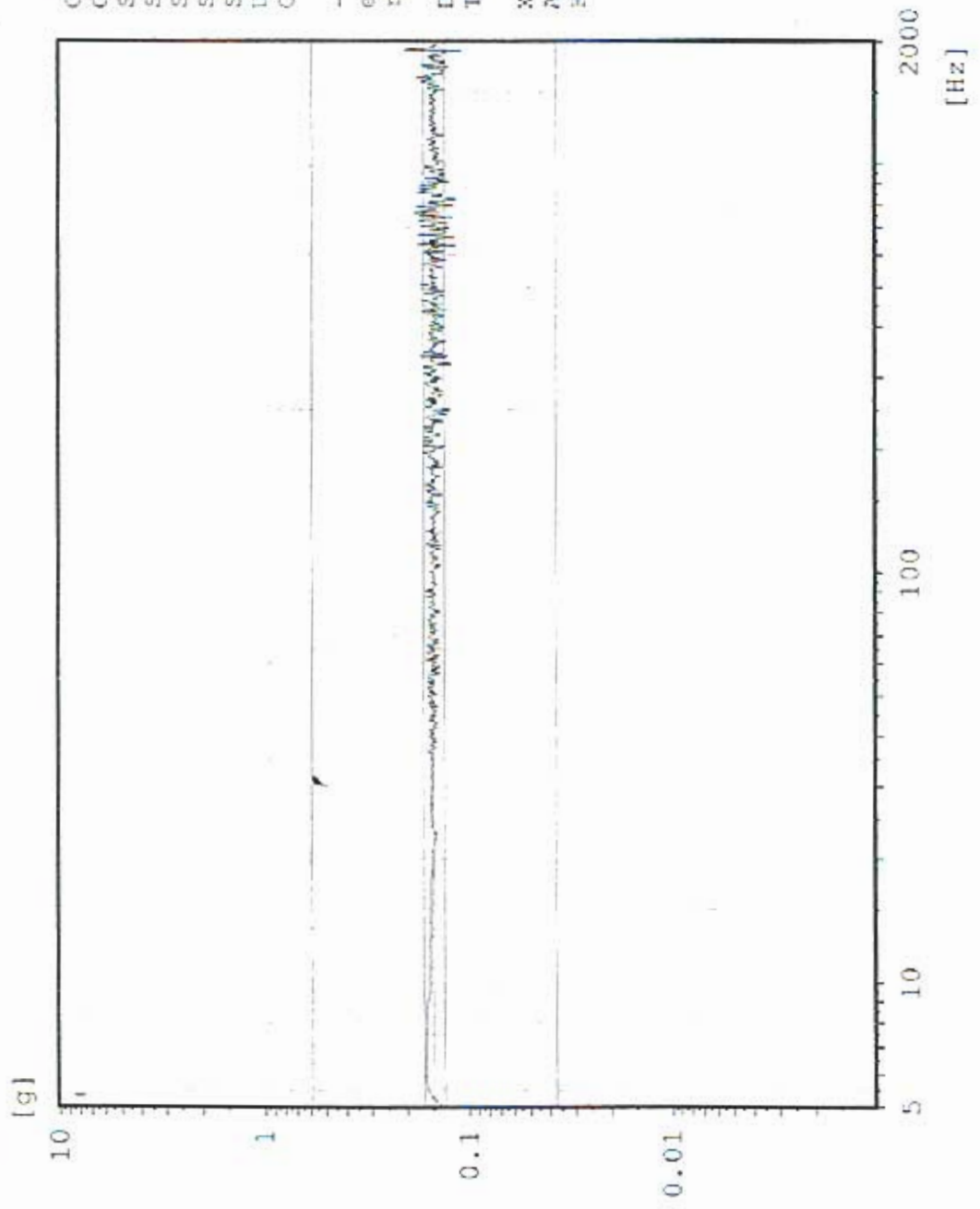
PRELIMINARY DATA

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: 05-11-05
Time: 11:02:06

X - axis
Acceptance Unit
Fixture only



CH# 2

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



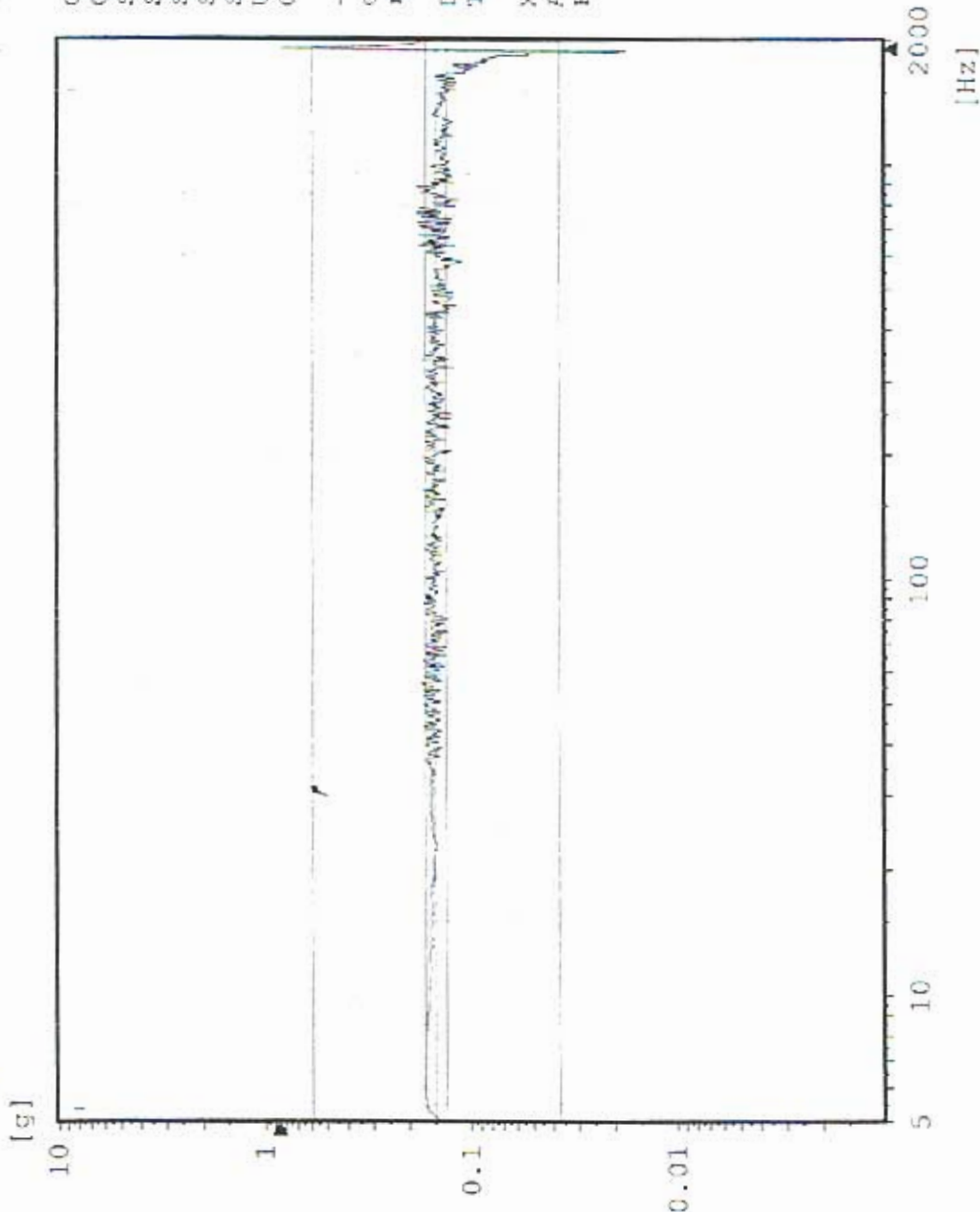
PRELIMINARY DATA

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: 05-11-05
Time: 11:02:06

X - axis
Acceptance Unit
Fixture only



CH# 3

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



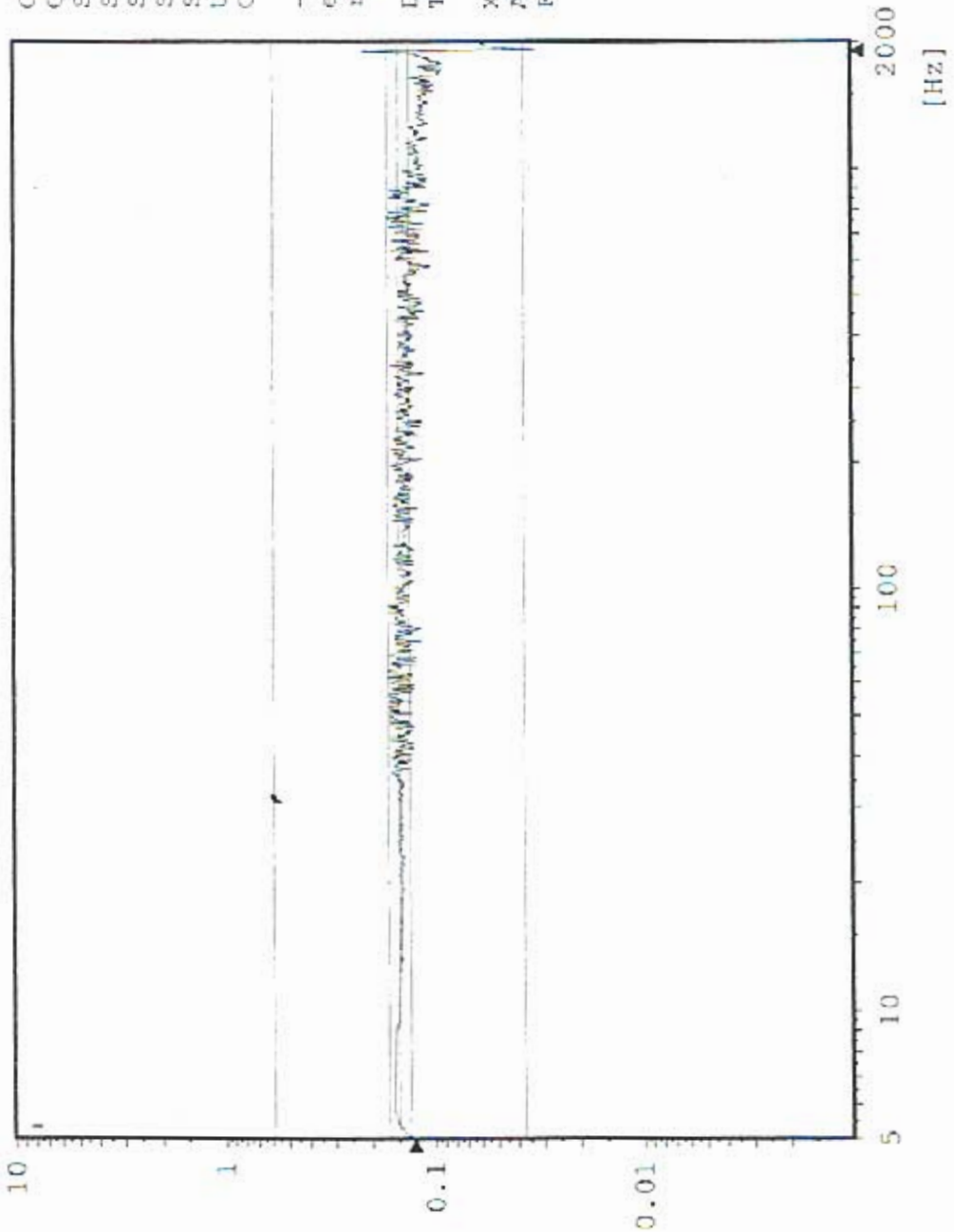
FILE: 49995.51972.DAT

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: 05-11-05
Time: 11:02:06

X - axis
Acceptance Unit
Fixture only



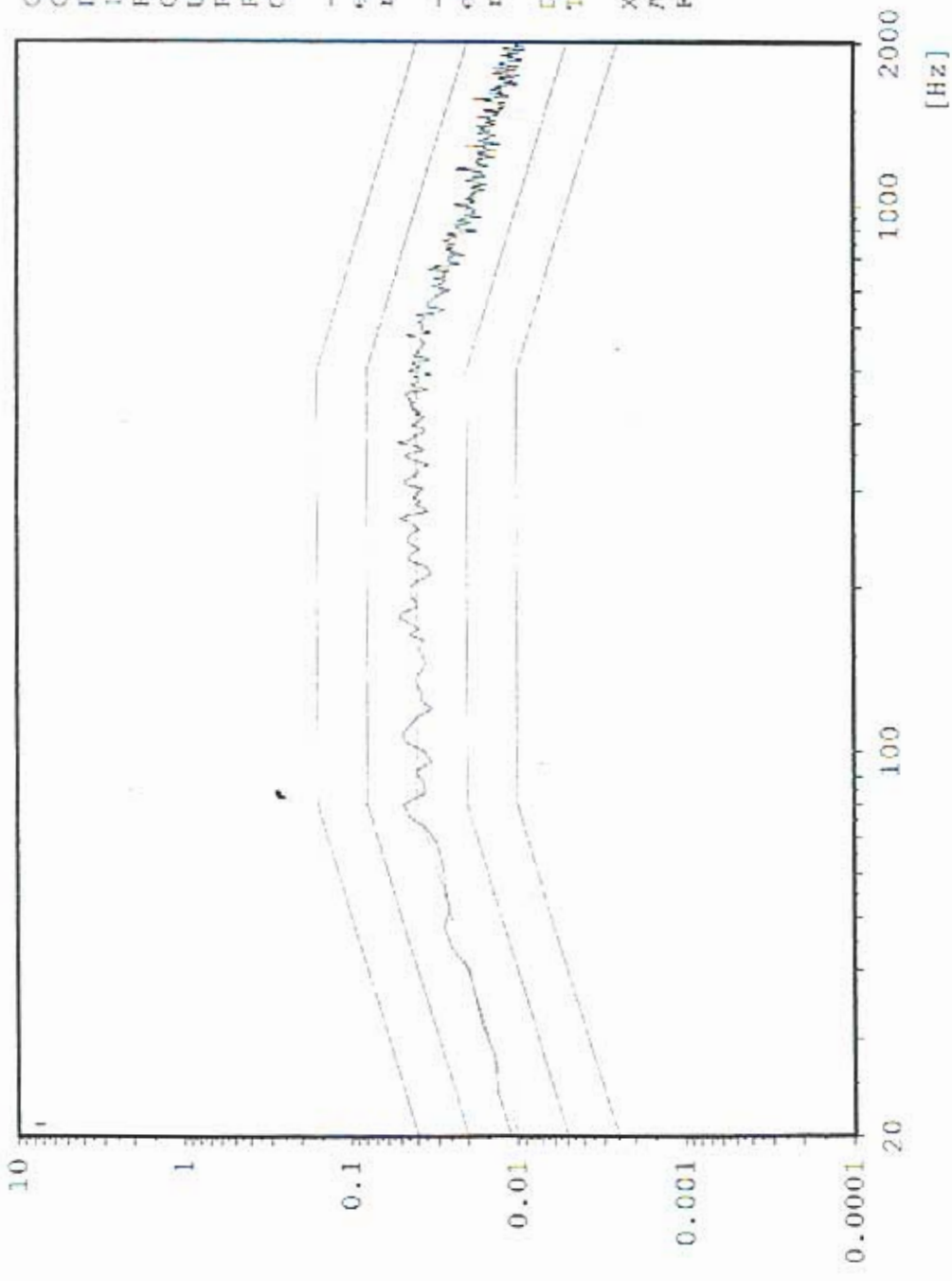
CX1 X-Axis Control

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

[g²/Hz]



Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Contr.strat.: Average
Unit: g²/Hz
RMS (act.): 6.846 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: 000:02:54
remaining: 000:00:00

Date: 05-11-05
Time: 11:29:53

X - Axis
Acceptance Unit
Fixture Only

AX4 TPS Top Edge

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

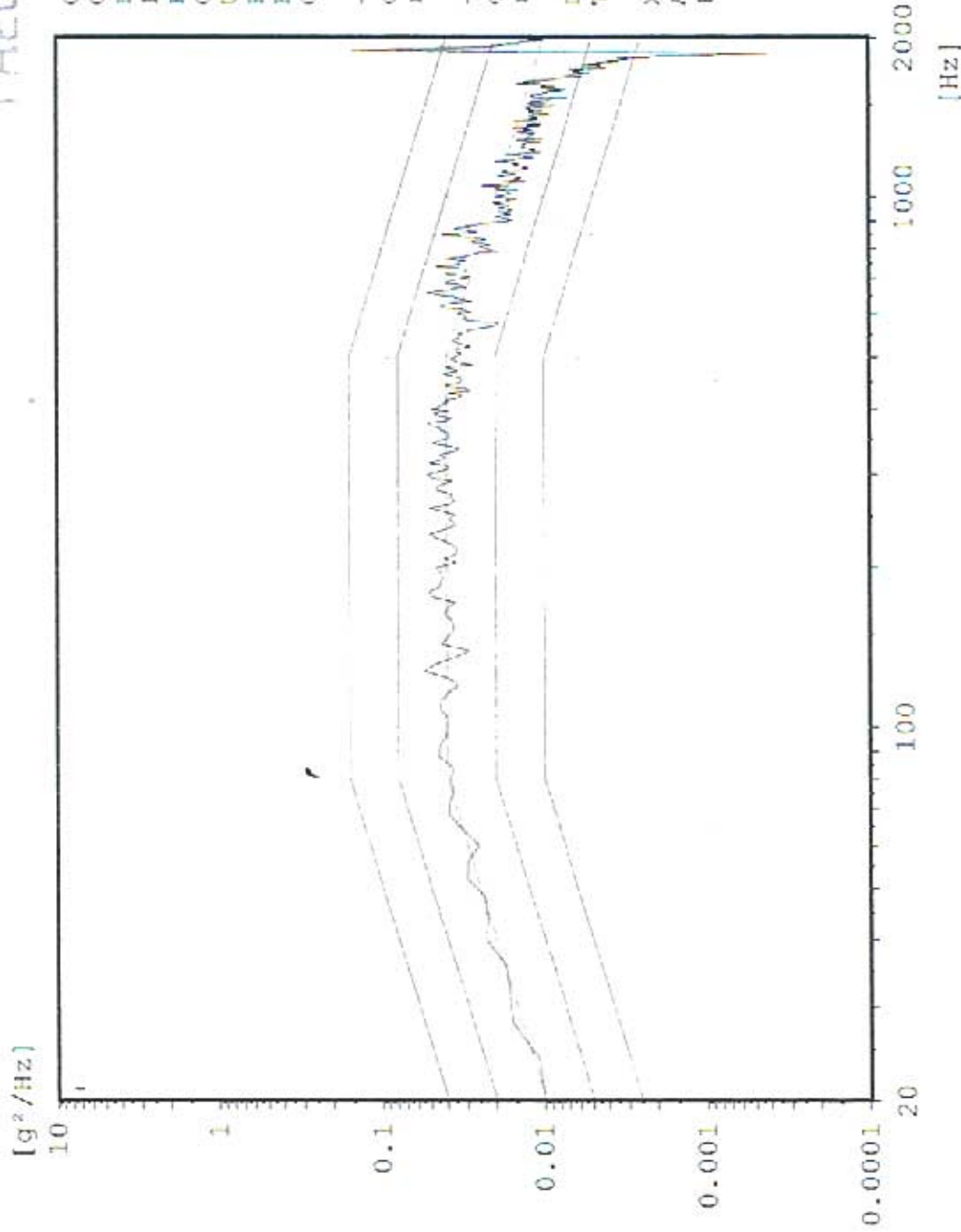
Chan.no: 2
Chan.type: X
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Contr.strat.: ~~Average~~
Unit: g²/Hz
RMS (act.): 6.812 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

-- Time total --
elapsed: 000:02:54
remaining: 000:00:00

Date: 05-11-05
Time: 11:29:53

X - Axis
Acceptance Unit
Fixture Only



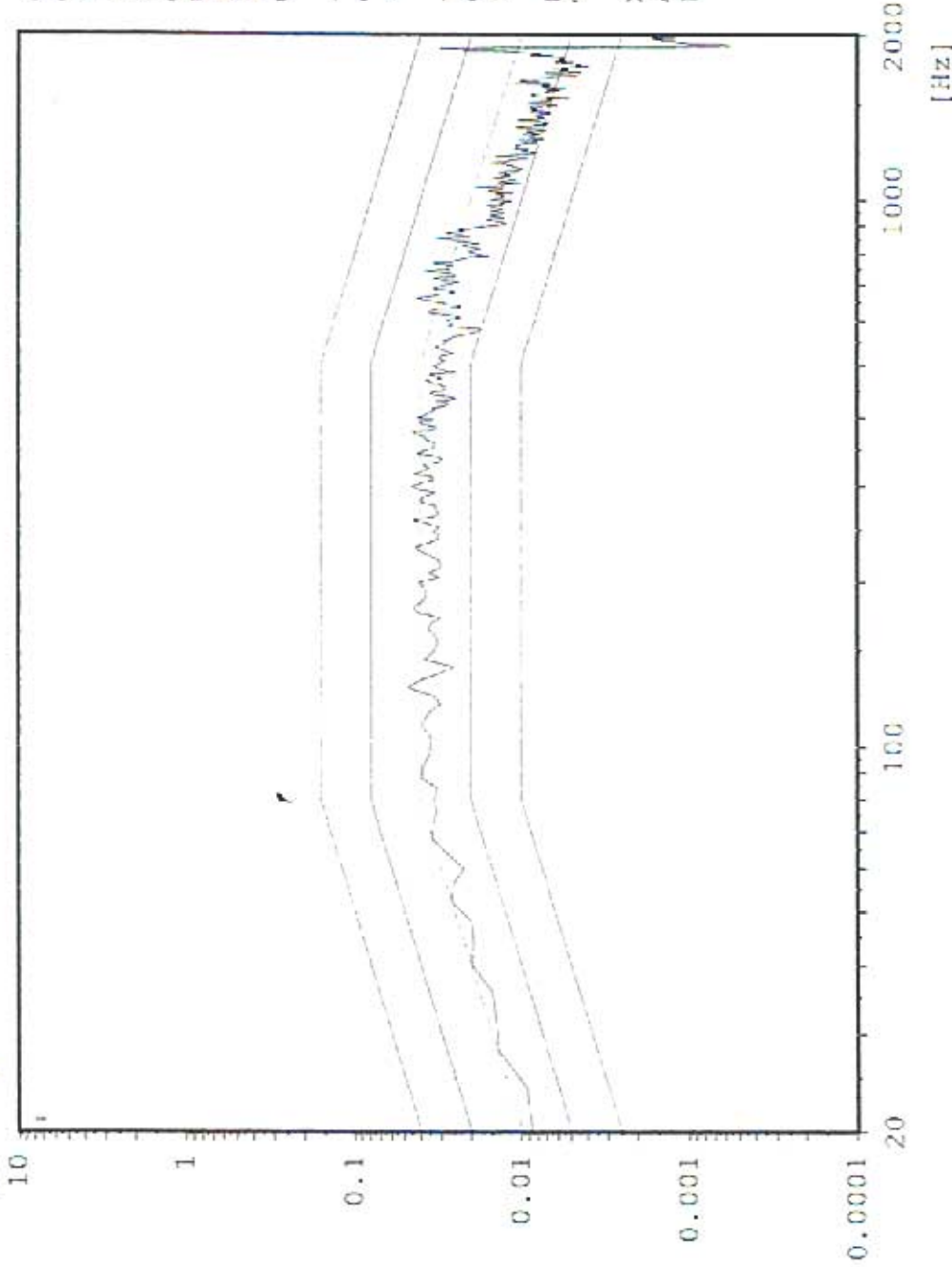
AX3 TPS Top Center

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

[g²/Hz]



Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Contr.strat.: Average
Unit: g²/Hz
RMS (act.): 6.032 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: 000:02:54
remaining: 000:00:00

Date: 05-11-05
Time: 11:29:53

X - Axis
Acceptance Unit
Fixture Only

Sine CZ1 Z-Axis Control

Stanford Linear Accelerator
J/N 49995.51972
TSM / TPS



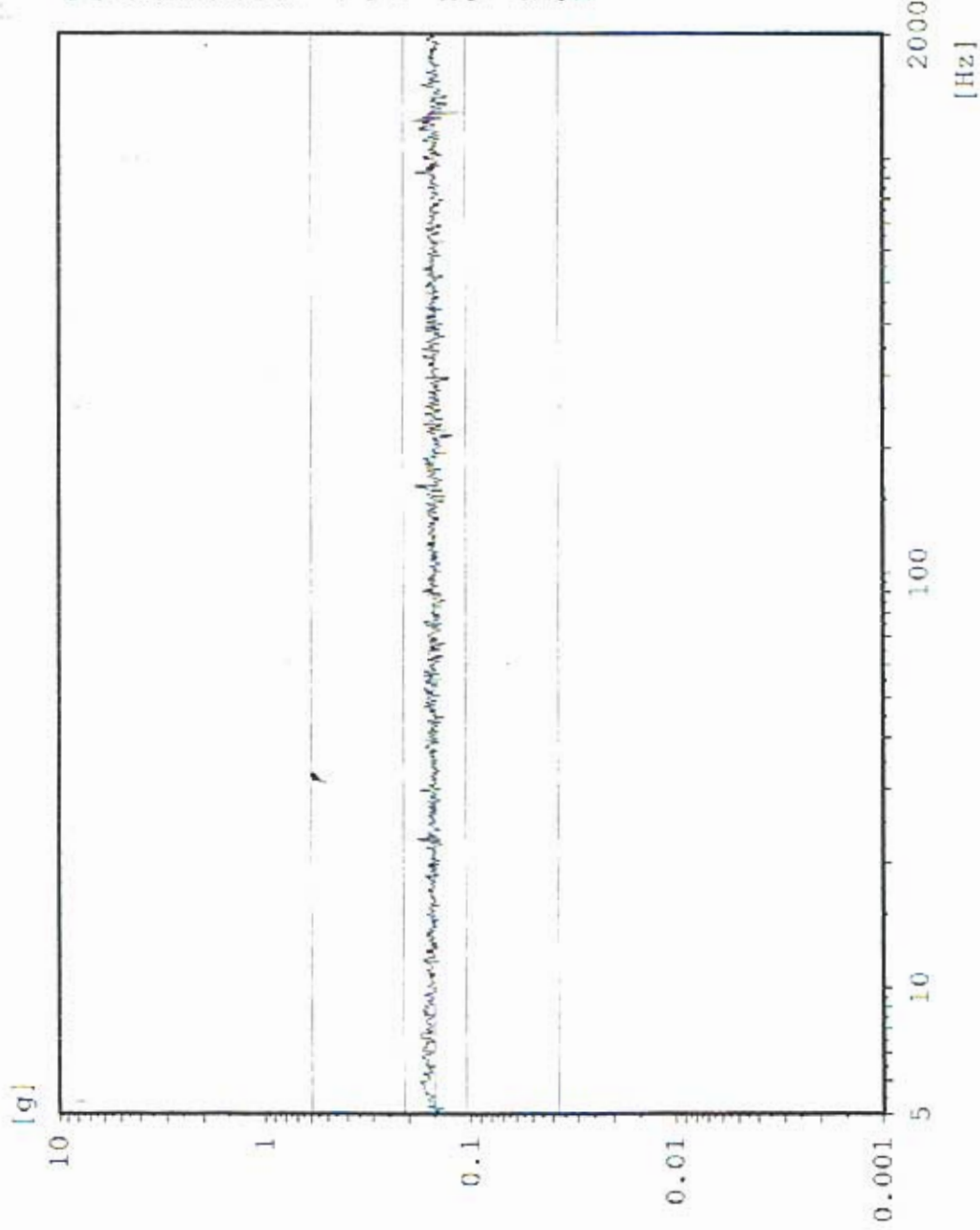
PRELIMINARY

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: 05-11-05
Time: 19:24:30

Z - axis
Acceptance Unit
Fixture Only



AZ4 TPS Boss 2

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEX / TPS



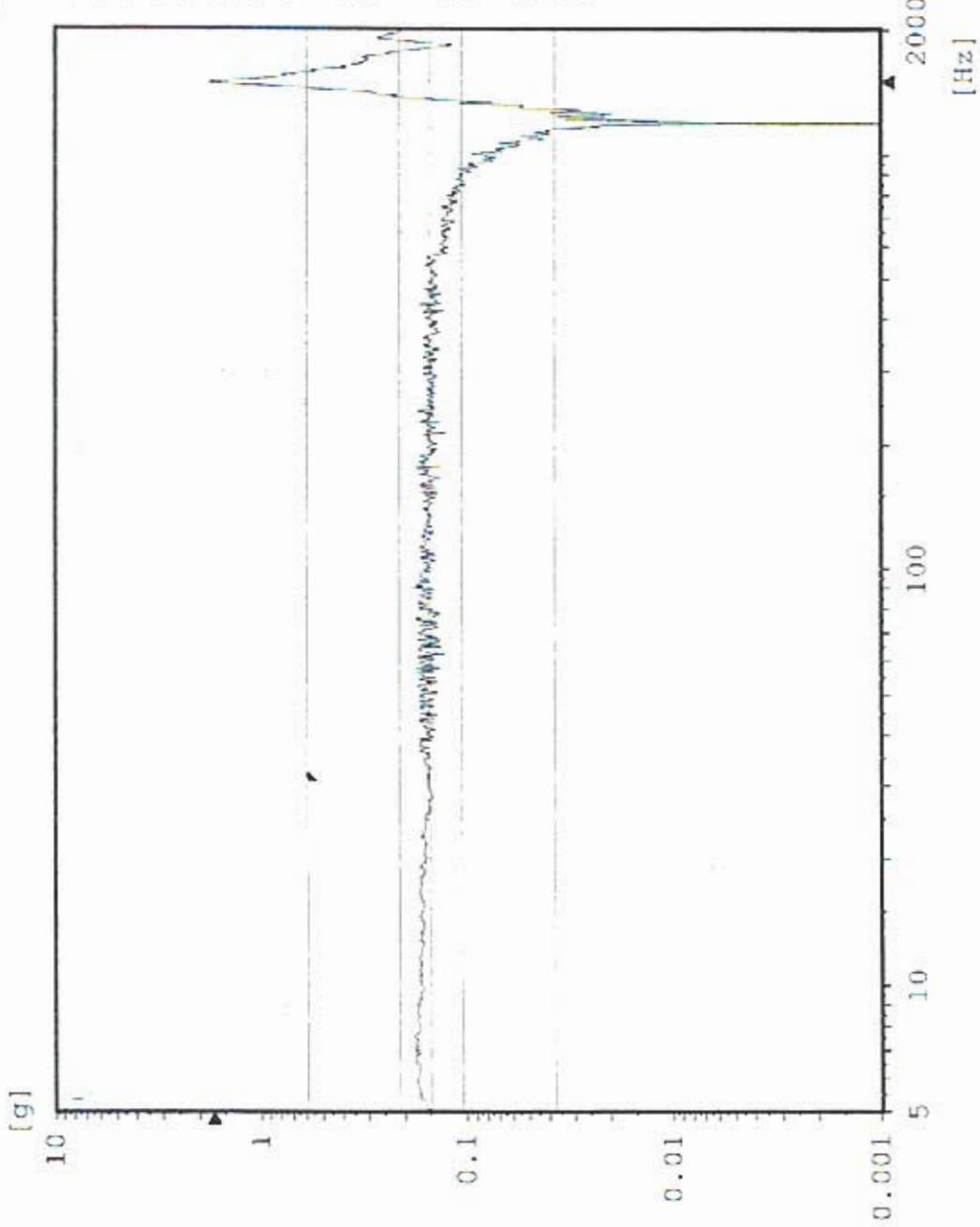
PRELIMINARY DATA

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: 05-11-05
Time: 19:24:30

Z - axis
Acceptance Unit
Fixture Only

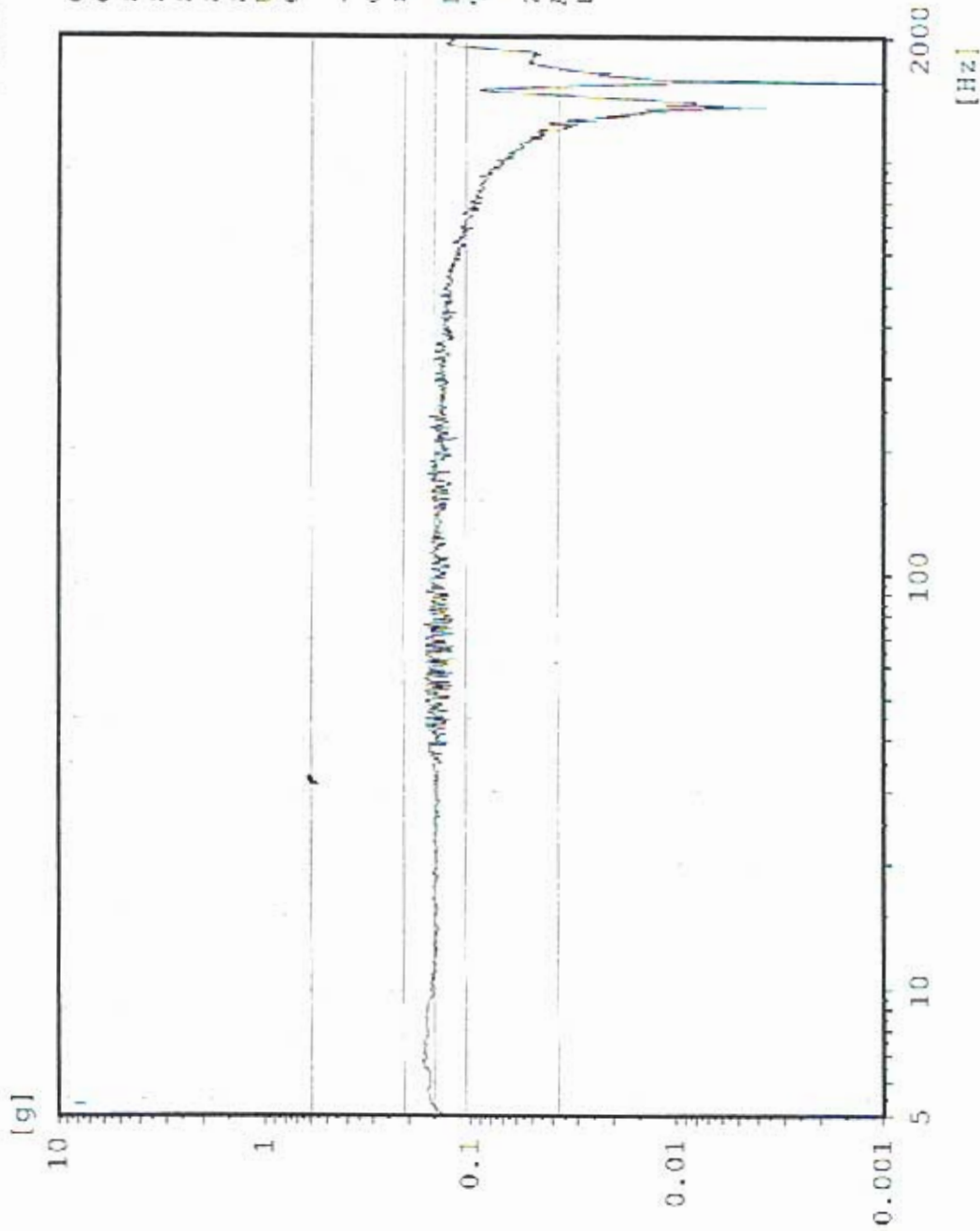


AZ3 TPS Boss 1

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 000:06:00

Date: 05-11-05
Time: 19:24:30

Z - axis
Acceptance Unit
Fixture Only

CZ1 Z-Axis Control

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

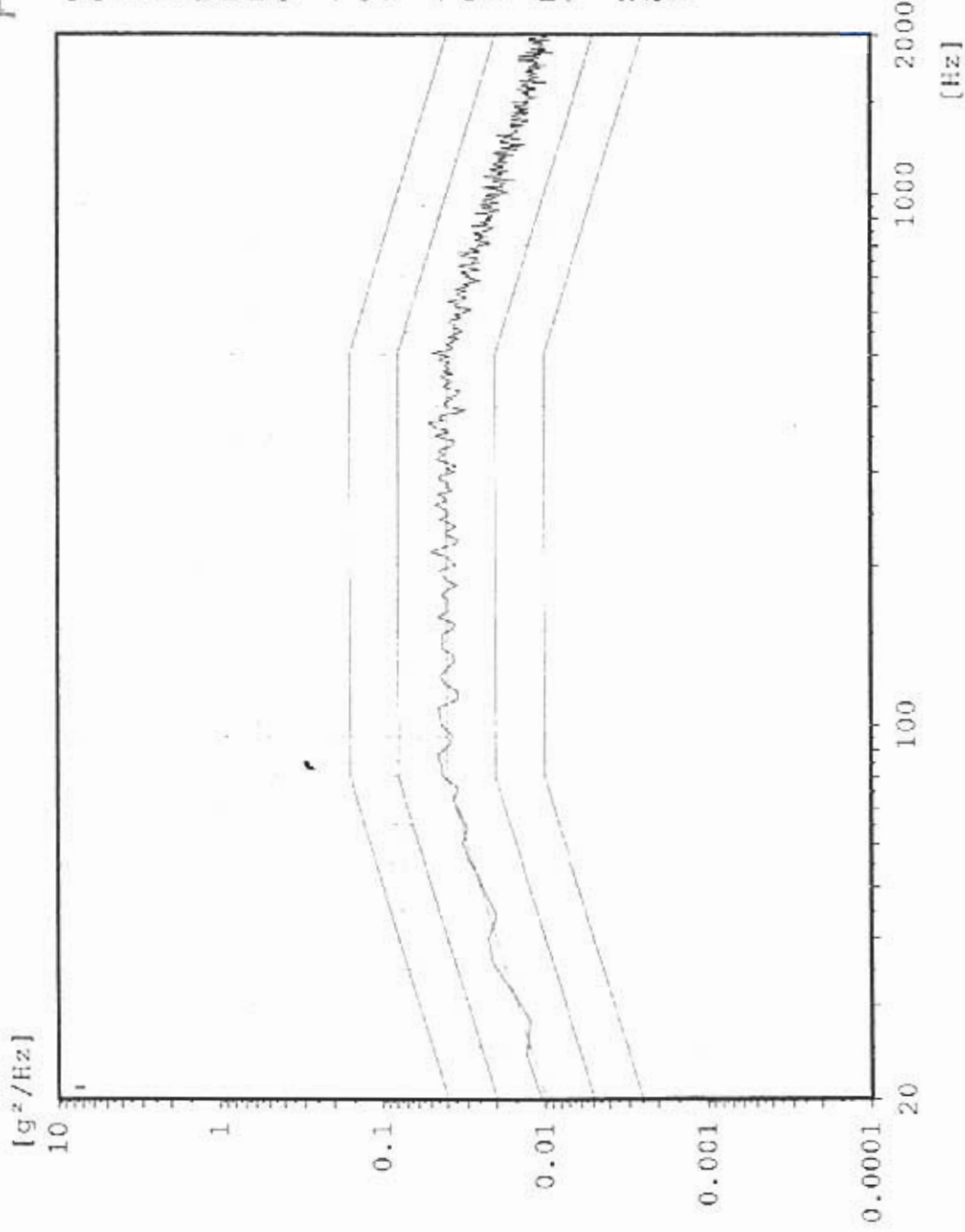
Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 6.824 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-11-05
Time: 19:34:33

Z - Axis
Acceptance Unit
Fixture Only



AZ4 TPS Boss 2

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

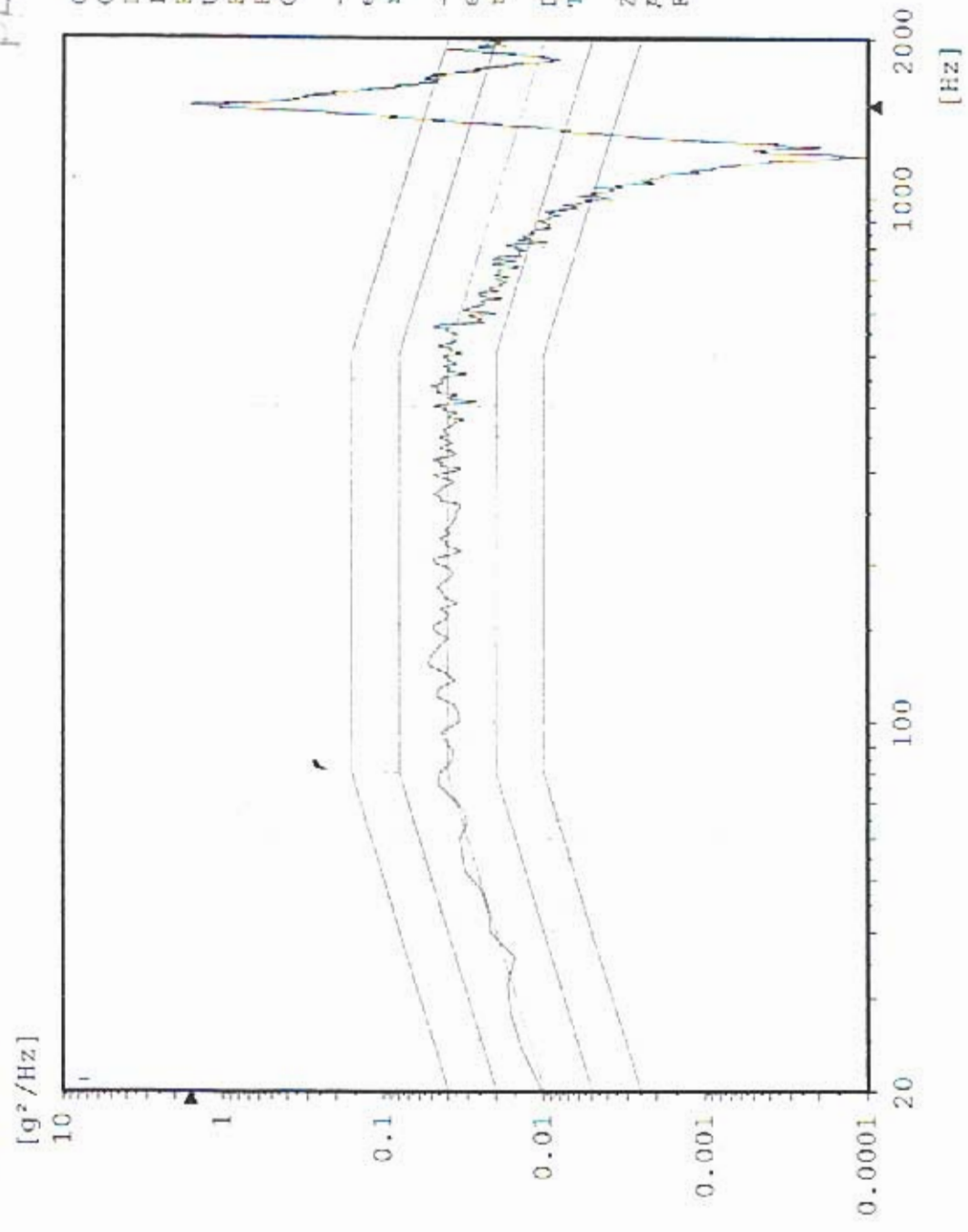
Chan.no: 2
 Chan.type: M
 DOF: 100
 Level: 6.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 11.47 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

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

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

Date: 05-11-05
 Time: 19:34:33

Z - Axis
 Acceptance Unit
 Fixture Only



Cursor: 1492 Hz 0.003101 g²/Hz

AZ3 TPS Boss 1

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

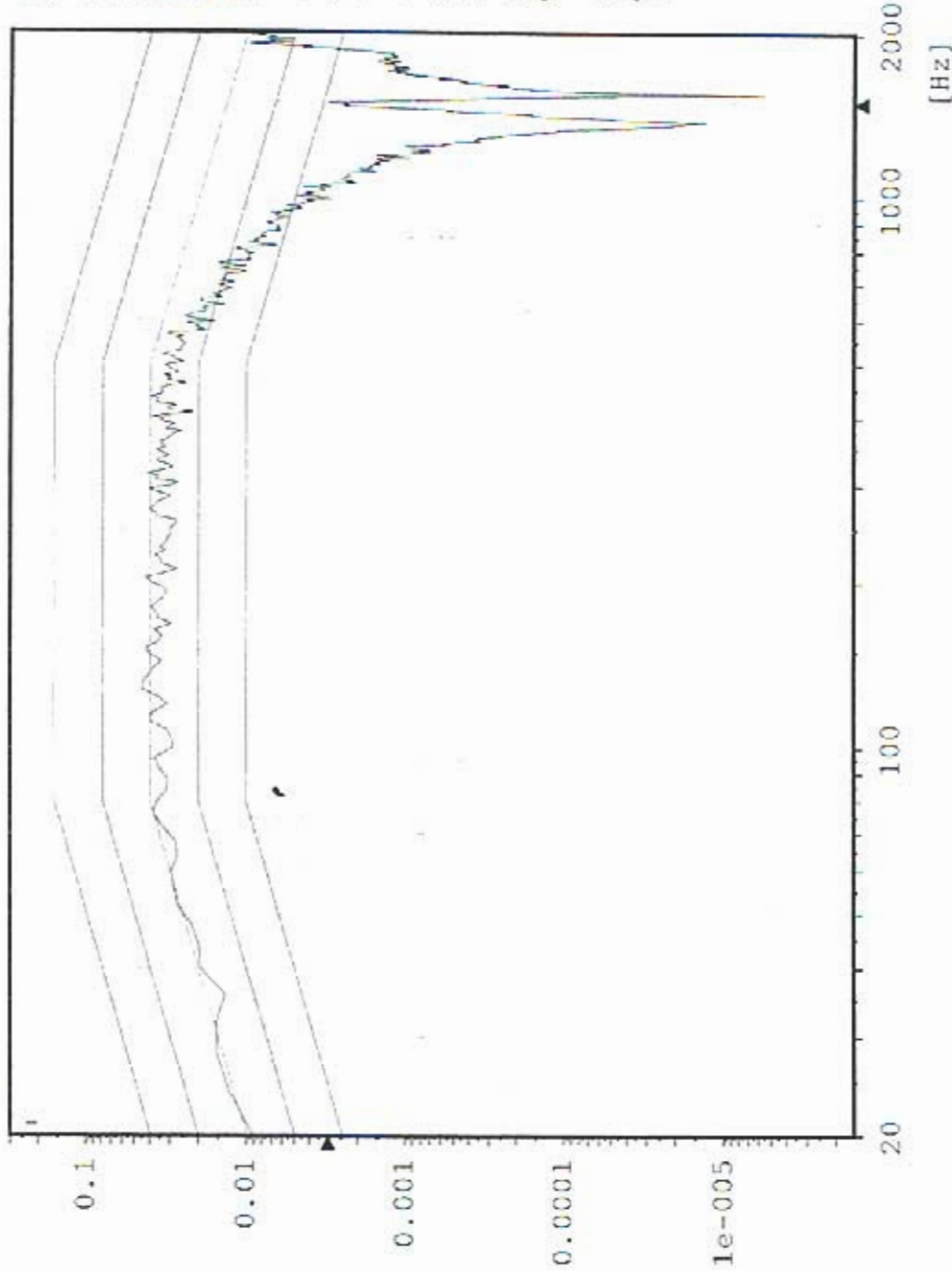
Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 4.916 g
RMS (req.): 5.787 g
Contr.strat.: Closed loop

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

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

Date: 05-11-05
Time: 19:34:33

Z - Axis
Acceptance Unit
Fixture Only



CX1 X-Axis Control

Sine

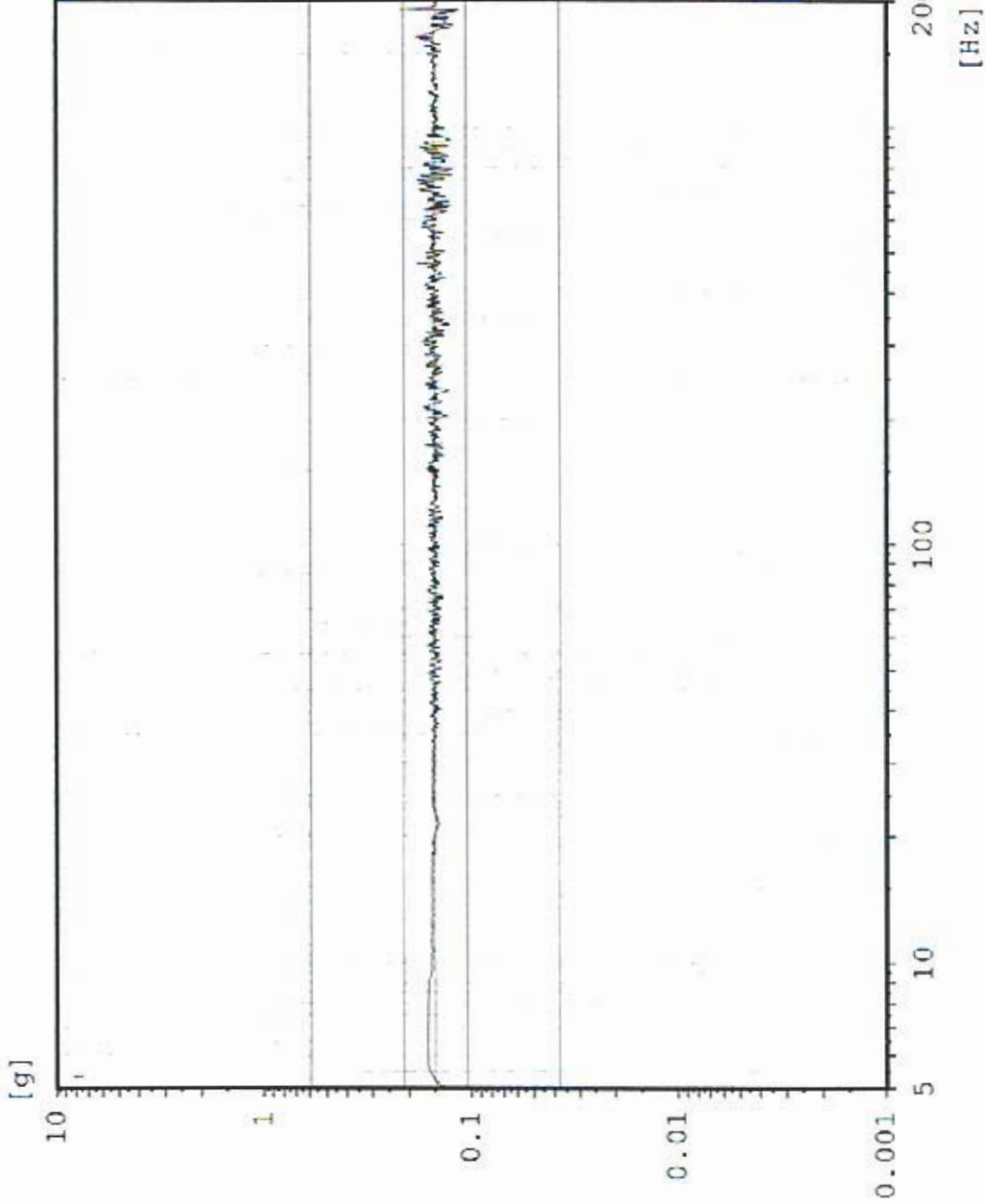
Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



PRELIMINARY DATA



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: 05-11-05
Time: 14:27:45

X - axis **PRE**
Acceptance Unit
GLAT 1813

AX3 TPS top center

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



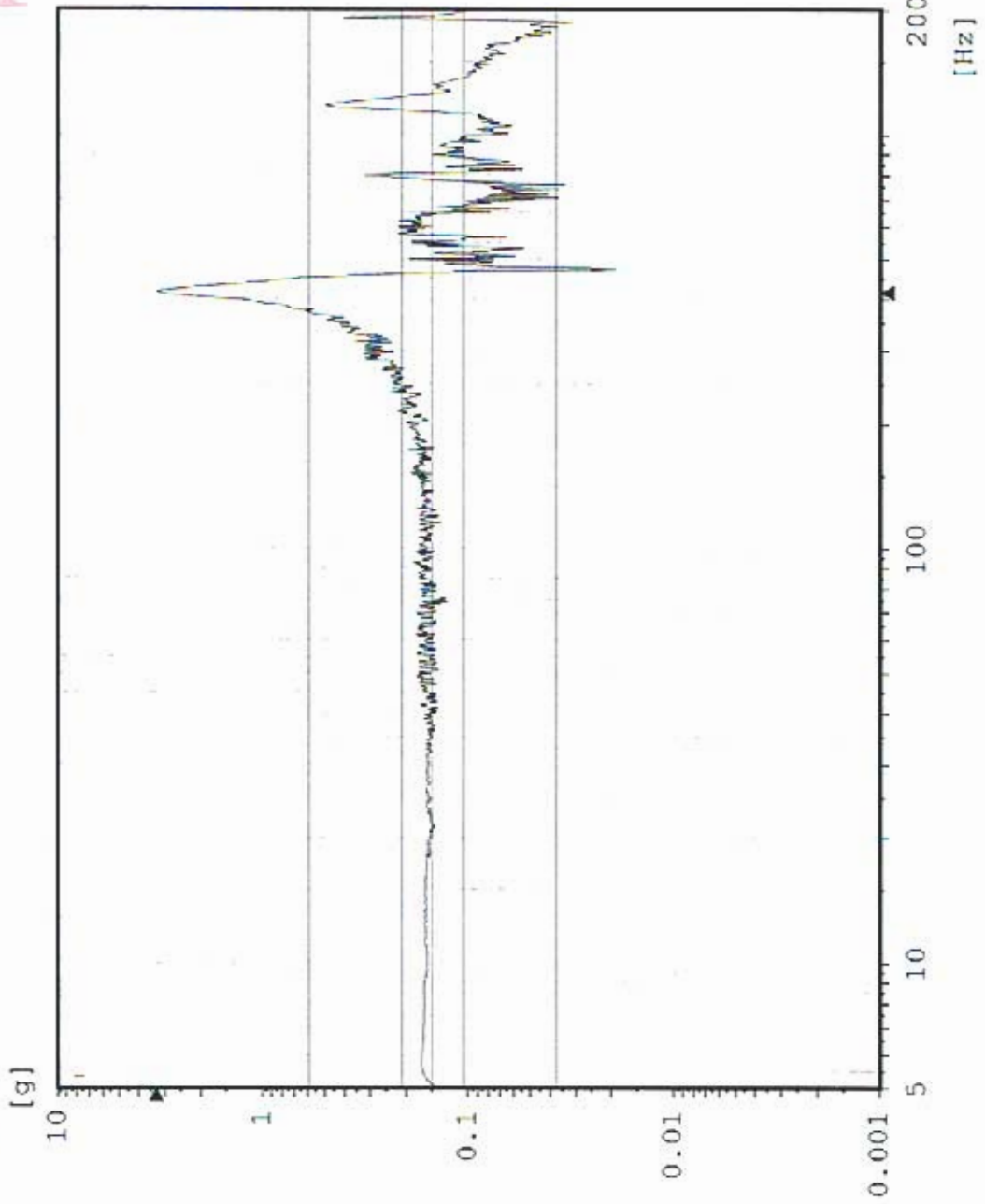
PRELIMINARY DATA

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: 05-11-05
Time: 14:27:45

X - axis Pac
Acceptance Unit
GLAT 1813



AX4 TPS top edge

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



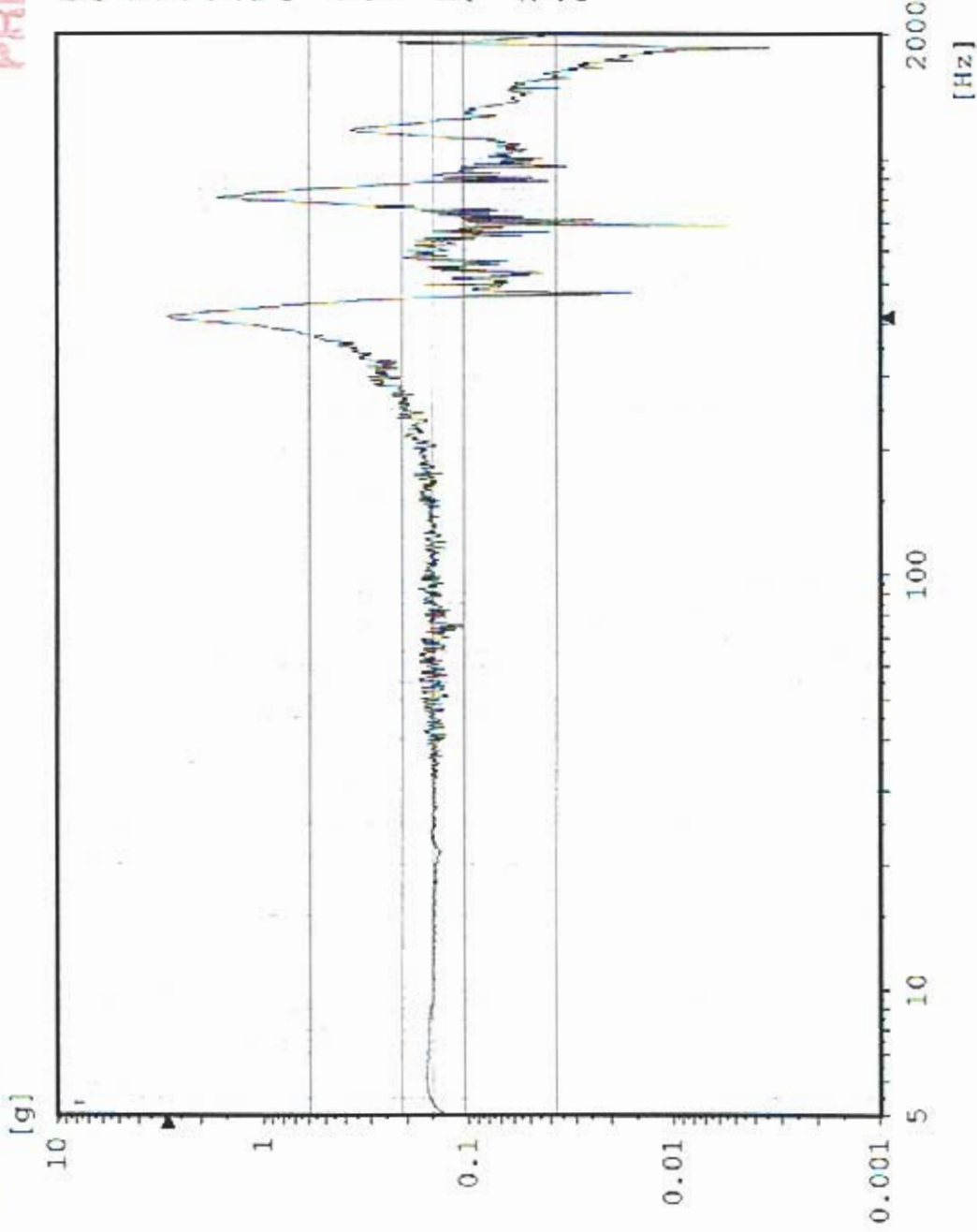
PRELIMINARY DATA

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: 05-11-05
Time: 14:27:45

X - axis PRE
Acceptance Unit
GLAT 1813



Sine AXI TEM center edge

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



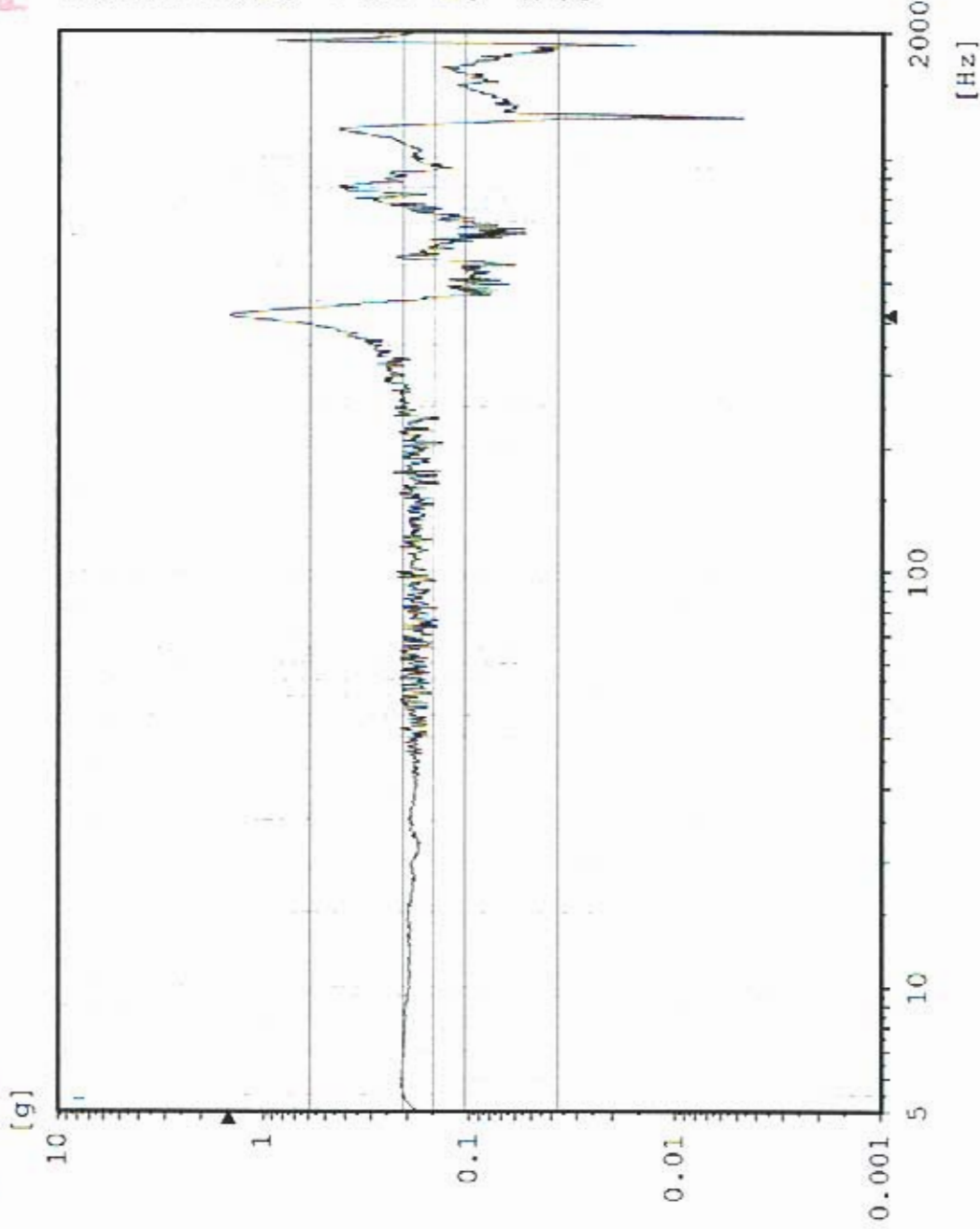
PRELIMINARY DATA

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: 05-11-05
 Time: 14:27:45

X - axis **PRE**
 Acceptance Unit
 GLAT 1813



AX2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



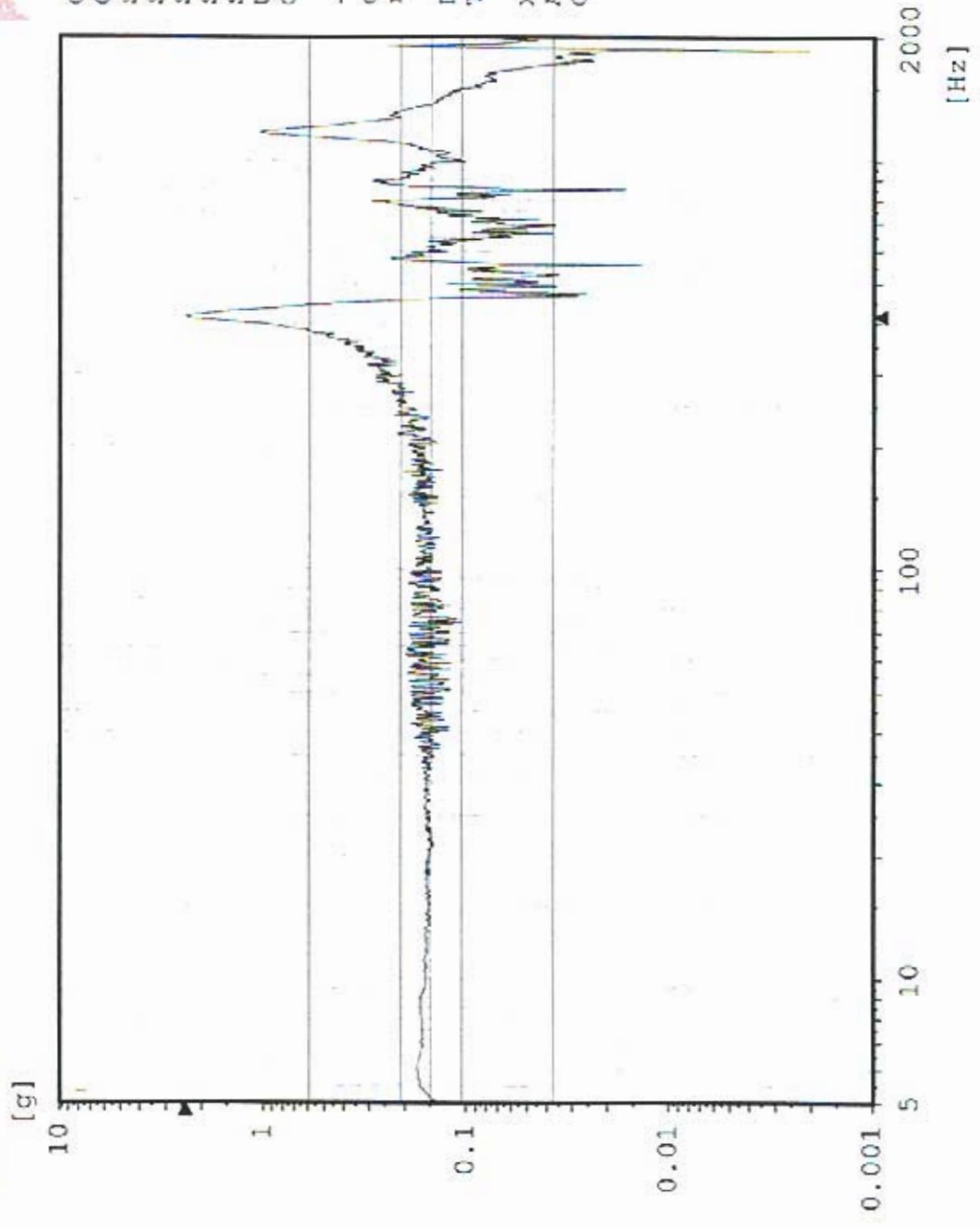
PRELIMINARY DATA

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

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

Date: 05-11-05
Time: 14:27:45

X - axis **PAR**
Acceptance Unit
GLAT 1813



CX1 X-Axis Control

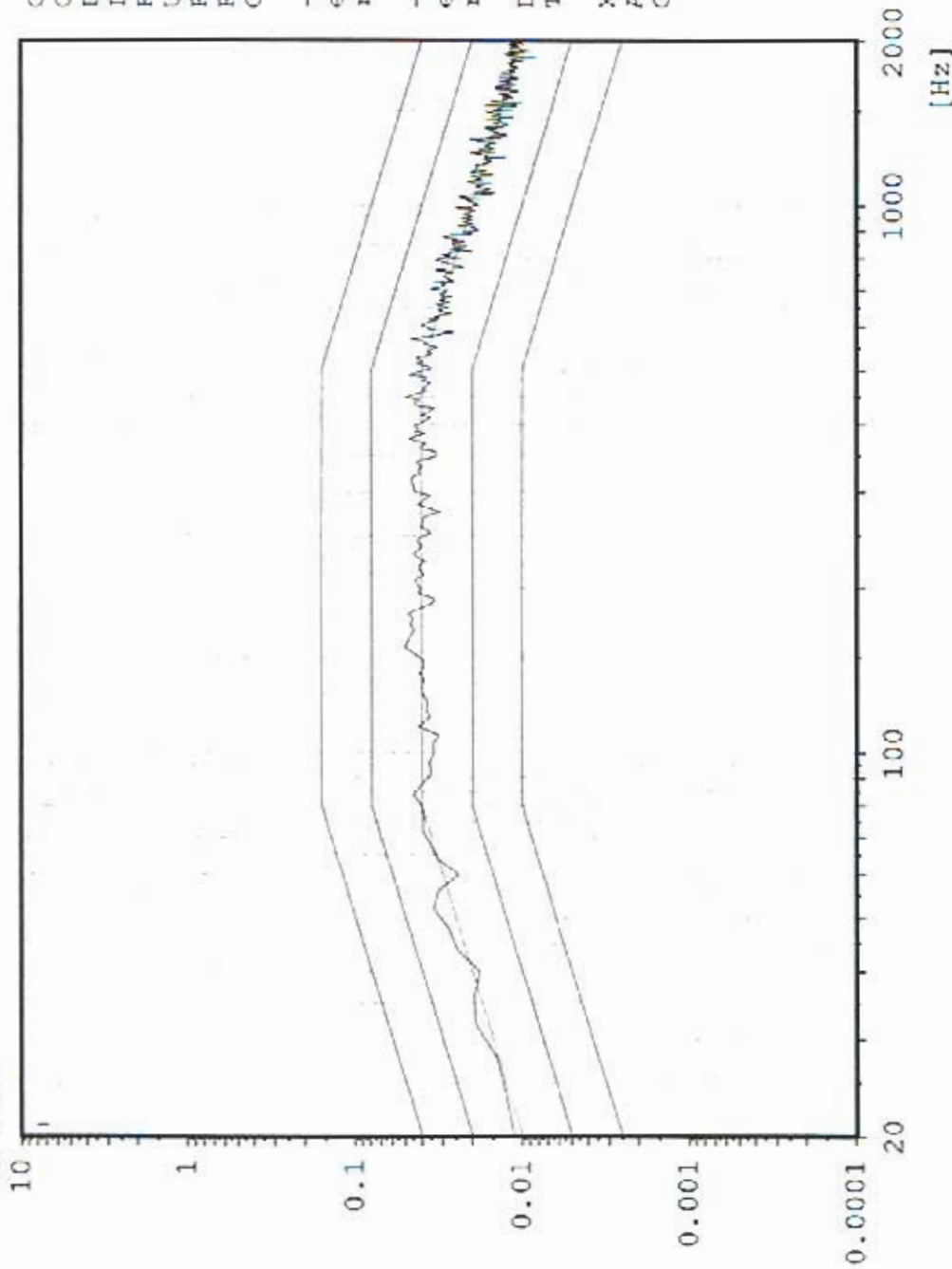
Random

Stanford Linear Accelerator

J/N 49995.51972

TEM & TPS

[g²/Hz]



wyle
Instruments

PRELIMINARY DATA

Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 6.859 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

-- Time on act. level --
elapsed: 000:01:00
remaining: 000:09:00

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

Date: 05-11-05
Time: 14:44:50

X - Axis
Acceptance Unit
GLAT 1813

Max: 384 Hz 2.237 g²/Hz

AX4 TPS Top Center

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

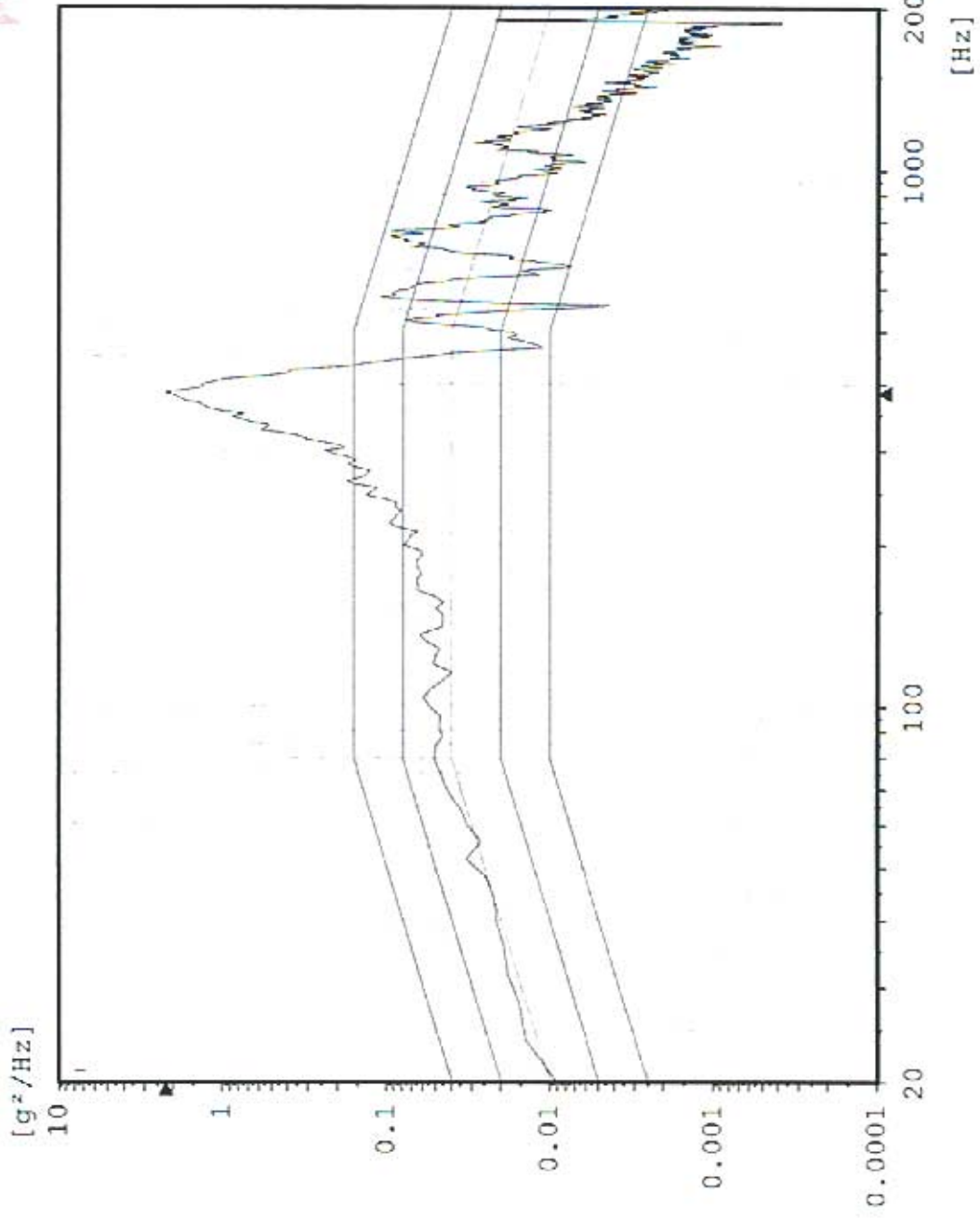
Chan.no: 2
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 12.86 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-11-05
Time: 14:44:50

X - Axis
Acceptance Unit
GLAT 1813



Max: 384 Hz 1.742 g²/Hz

AX3 TPS Top Edge

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DAT

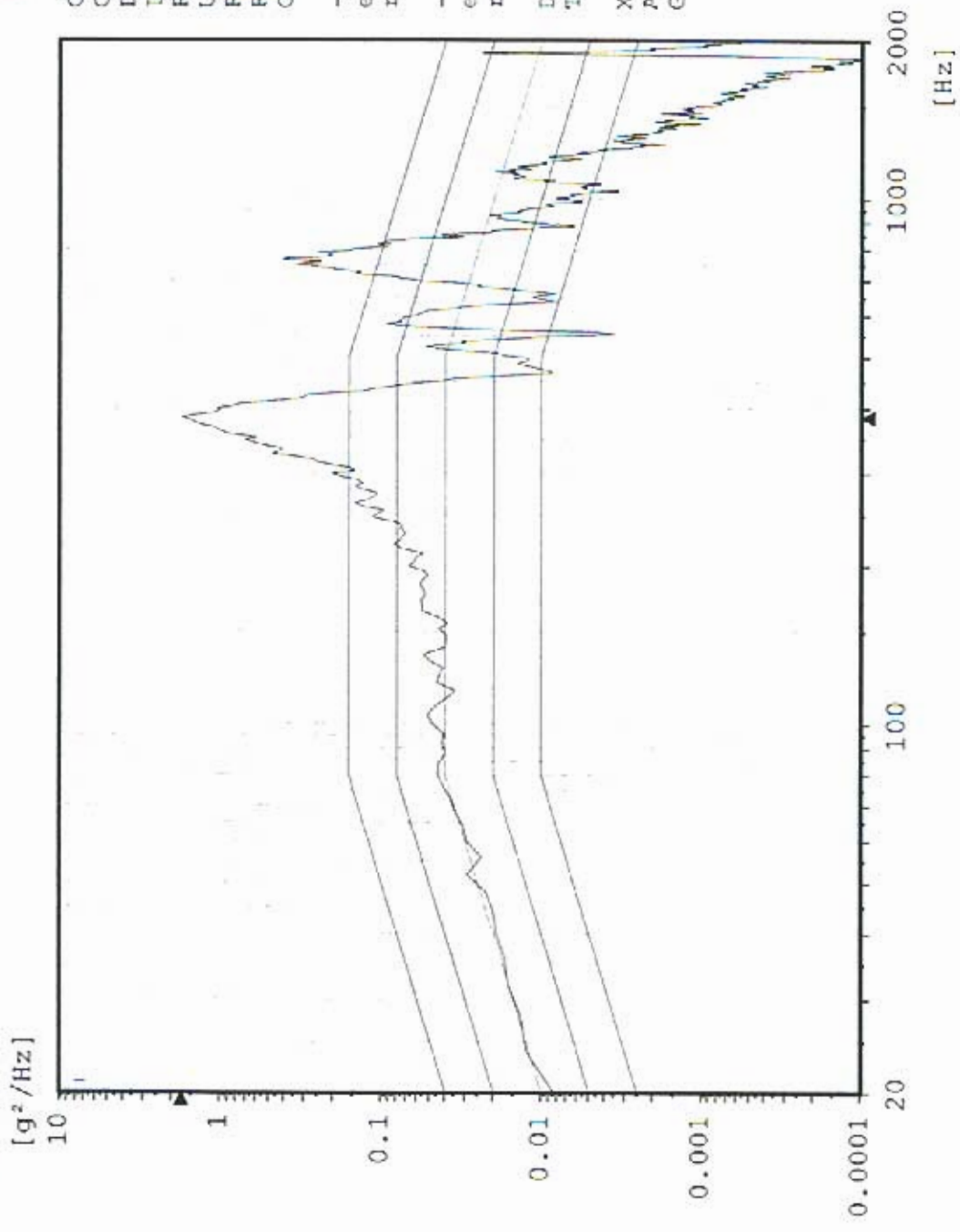
Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 12.23 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-11-05
Time: 14:44:50

X - Axis
Acceptance Unit
GLAT 1813



Max: 384 Hz 0.4077 g²/Hz

Random CH# 5 TEM center edge

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

[g²/Hz]

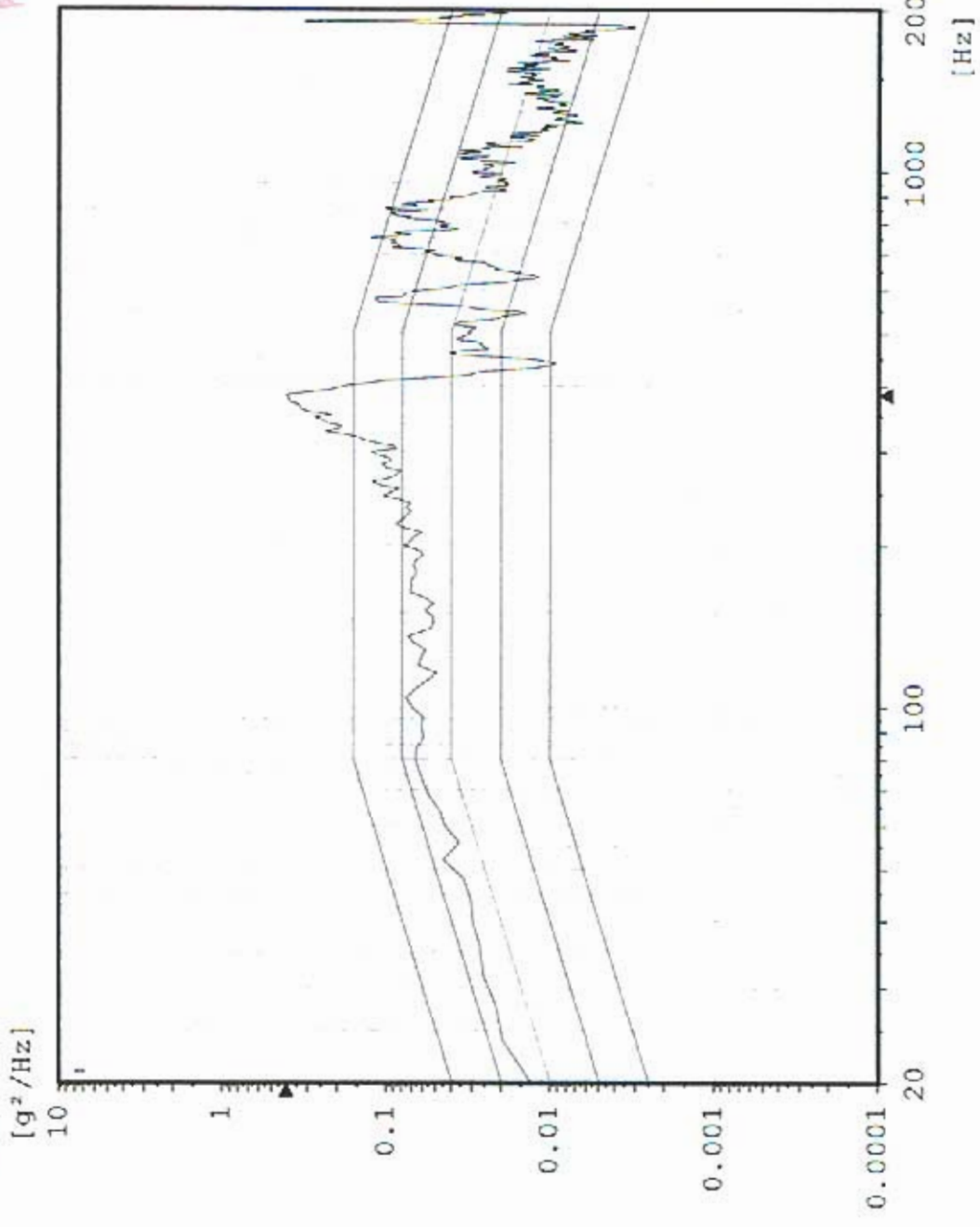
Chan.no: 5
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 9.463 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

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

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

Date: 05-11-05
 Time: 14:44:50

X - Axis
 Acceptance Unit
 GLAT 1813



Max: 384 Hz 1.207 g²/Hz

Random AX2 TPS Bottom center

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

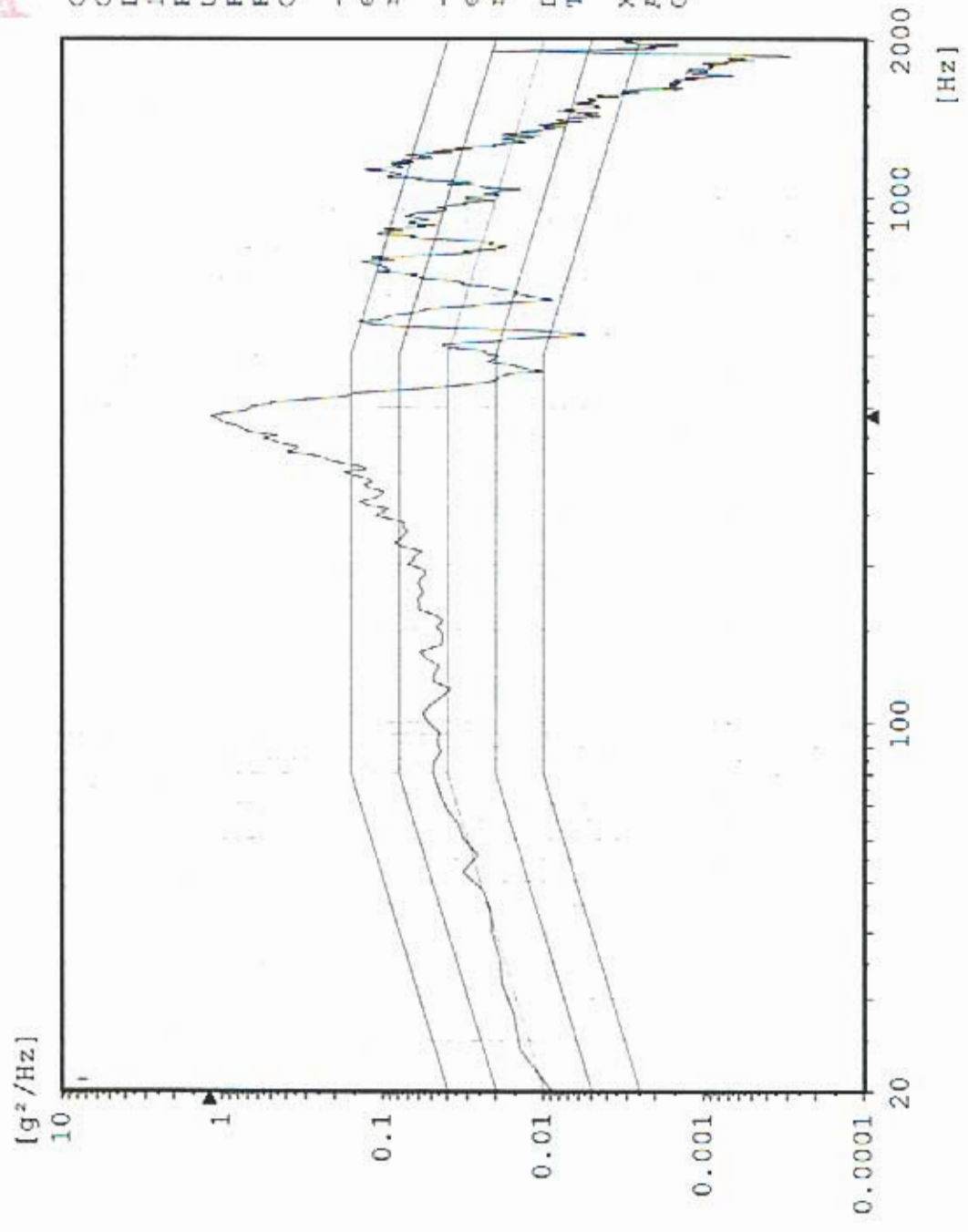
Chan.no: 10
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 11.38 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

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

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

Date: 05-11-05
 Time: 14:44:50

X - Axis
 Acceptance Unit
 GLAT 1813



CX1 X-Axis Control

Sine

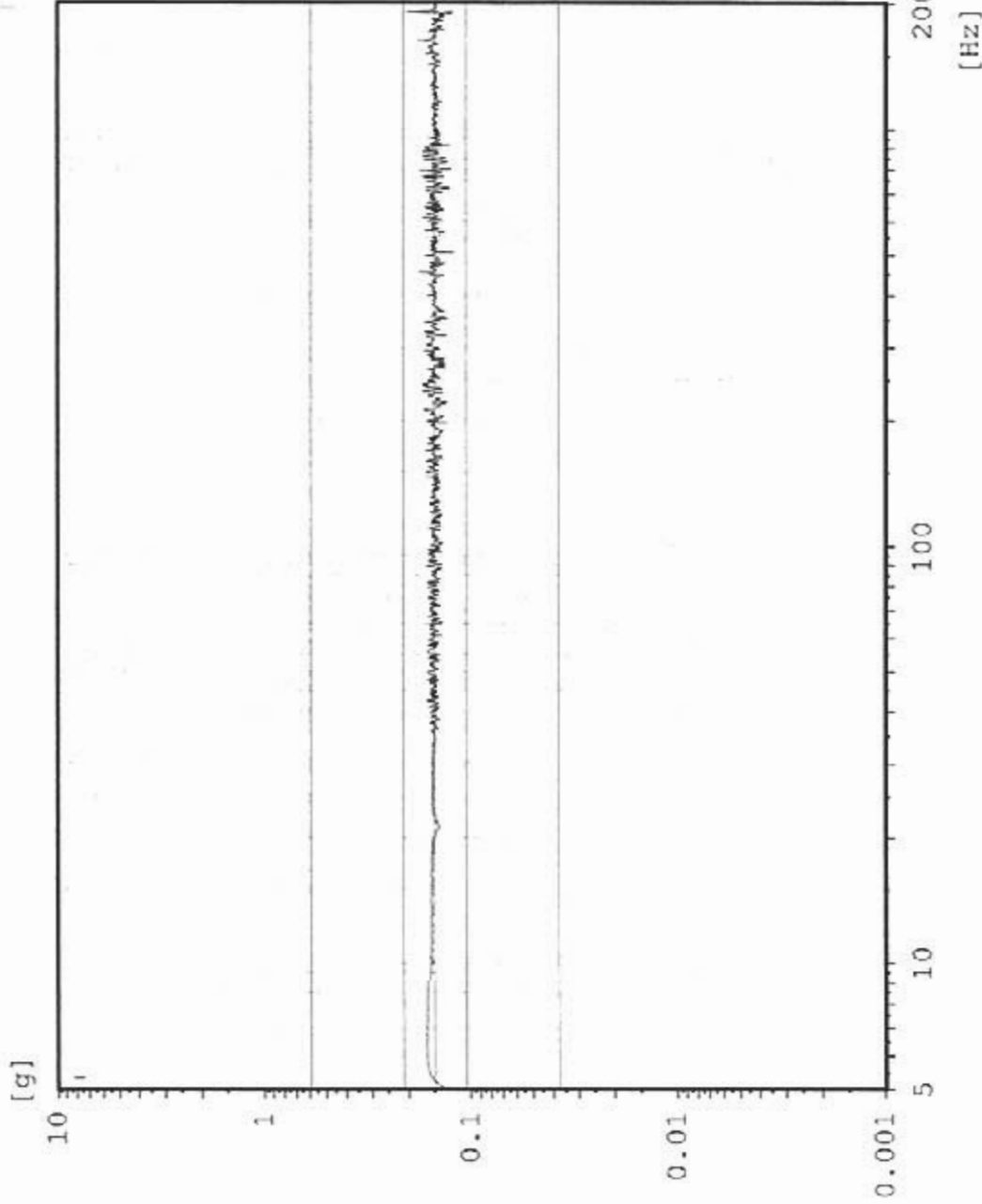
Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



PRELIMINARY DA



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: 05-11-05
Time: 14:53:29

X - axis Post Random
Acceptance Unit
GLAT 1813

AX3 TPS top center

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA

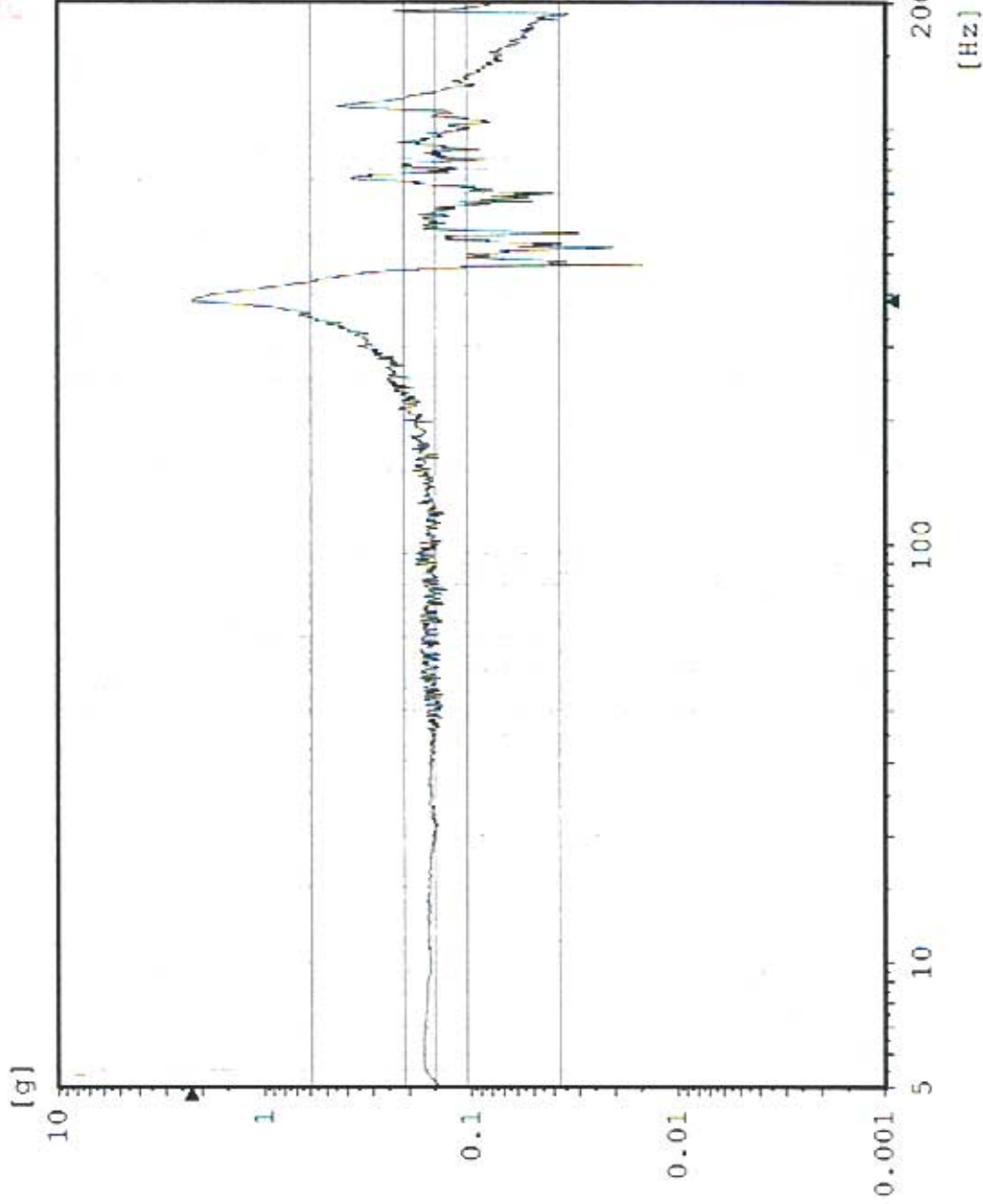
Chan.no: 2
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --

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

Date: 05-11-05
Time: 14:53:29

X - axis Post Random
Acceptance Unit
GLAT 1813



AX4 TPS top edge

Sine
 Stanford Linear Accelerator
 J/N 49995.51972
 TEM / TPS



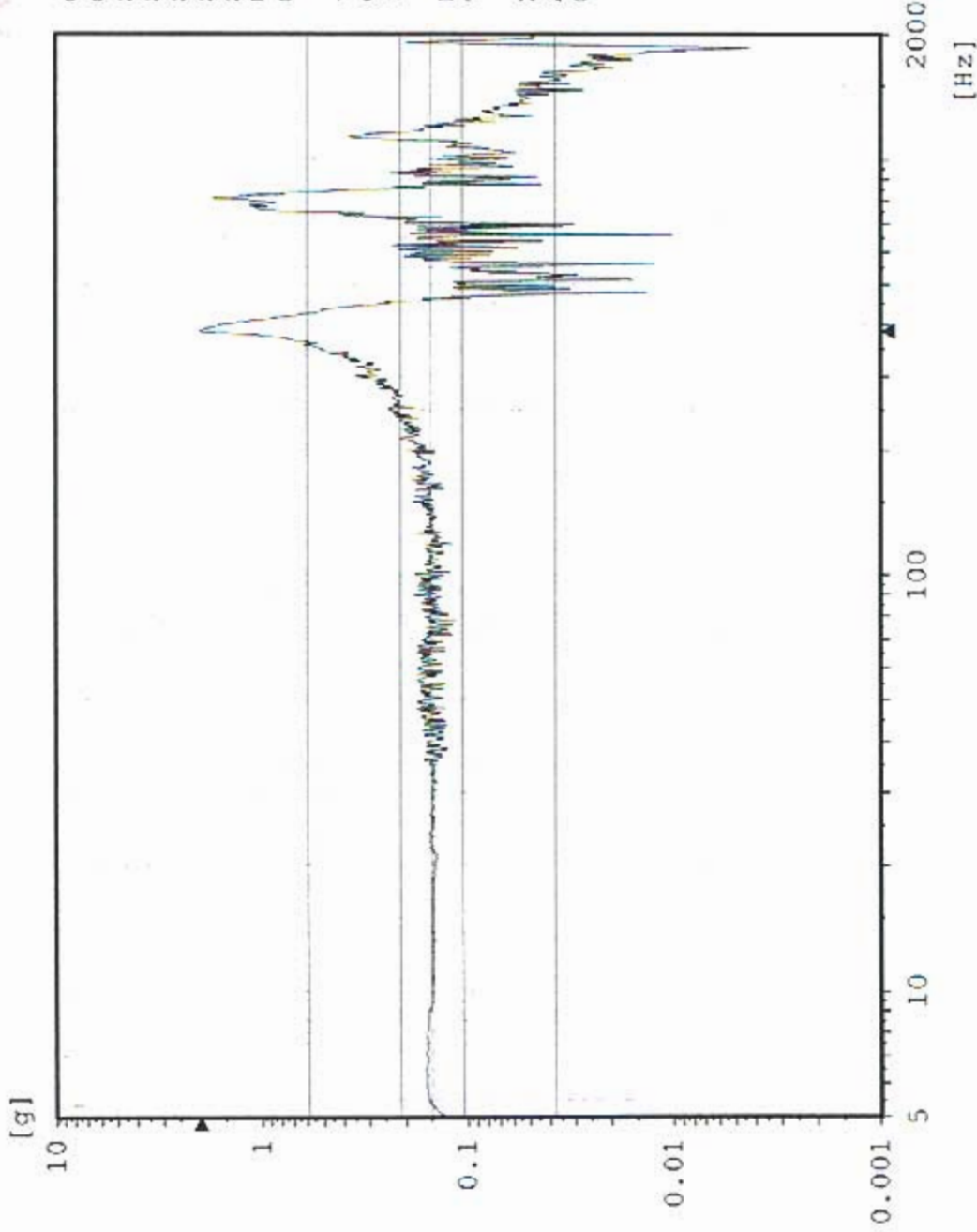
PRELIMINARY DATA

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: 05-11-05
 Time: 14:53:29

X - axis Post Random
 Acceptance Unit
 GLAT 1813



Sine AX1 TEM center edge

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



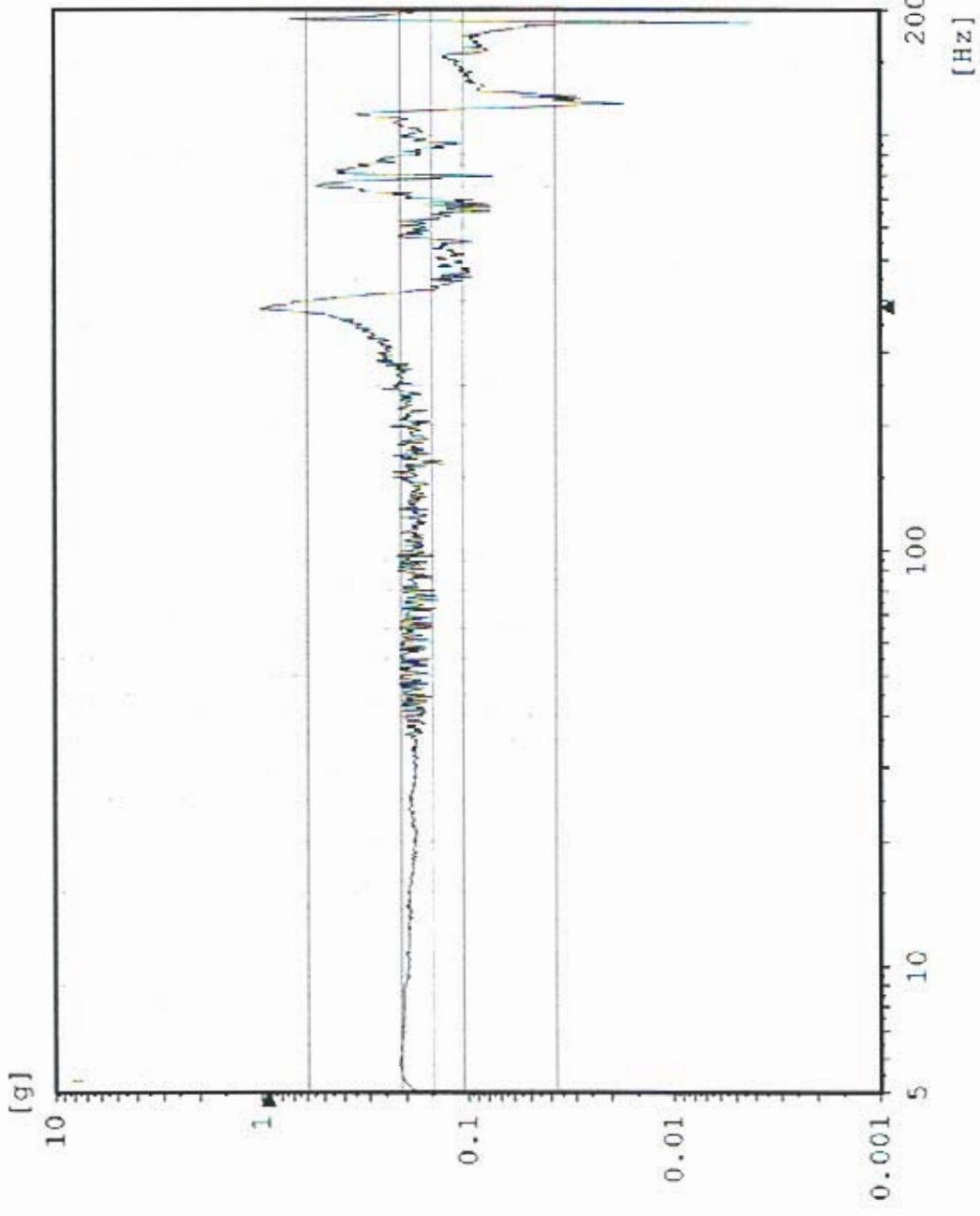
PRELIMINARY

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: 05-11-05
 Time: 14:53:29

X - axis Post Random
 Acceptance Unit
 GLAT 1813



AX2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



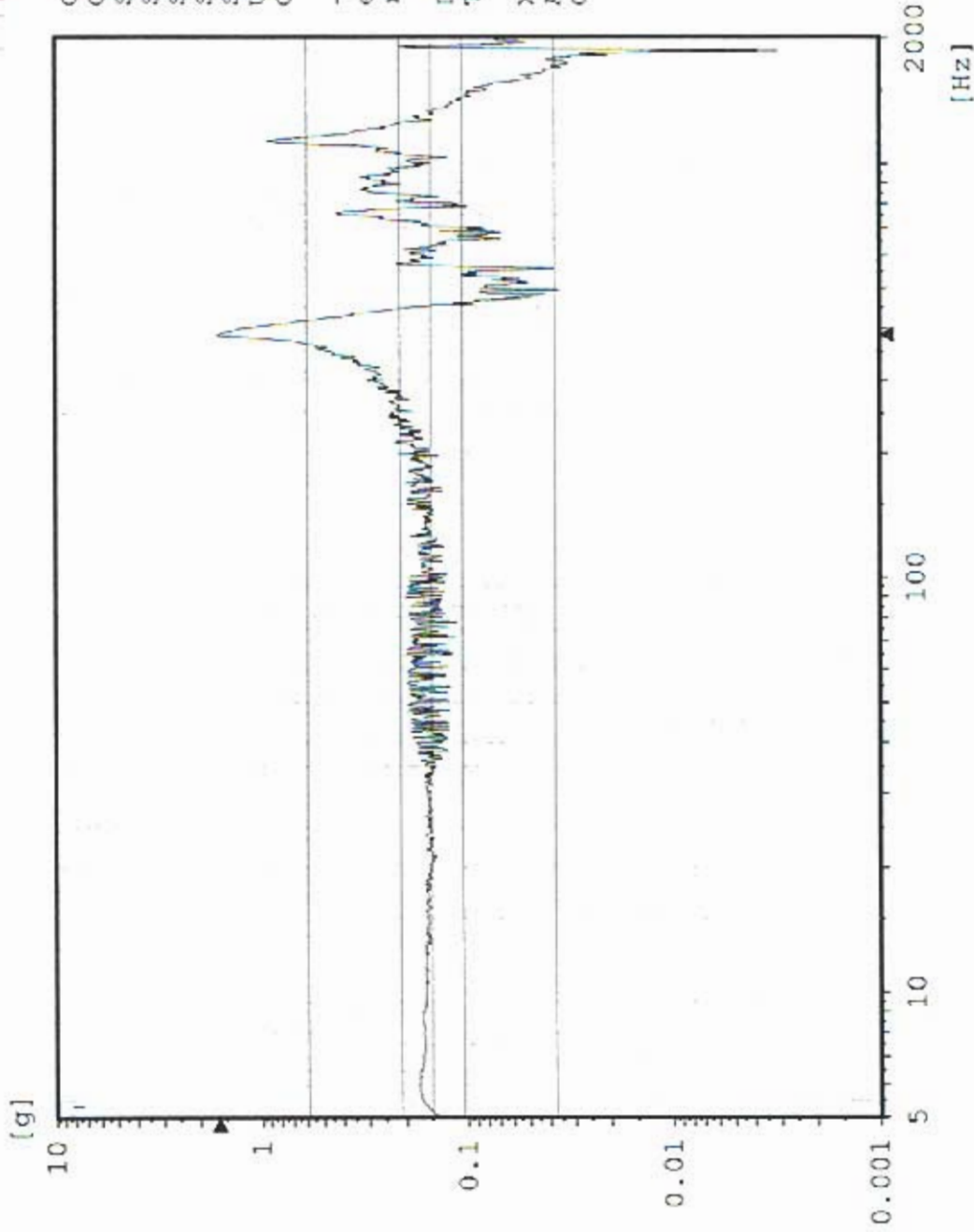
PRELIMINARY DATA

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: 05-11-05
Time: 14:53:29

X - axis Post Random
Acceptance Unit
GLAT 1813



Sine CX1 X-Axis Control

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



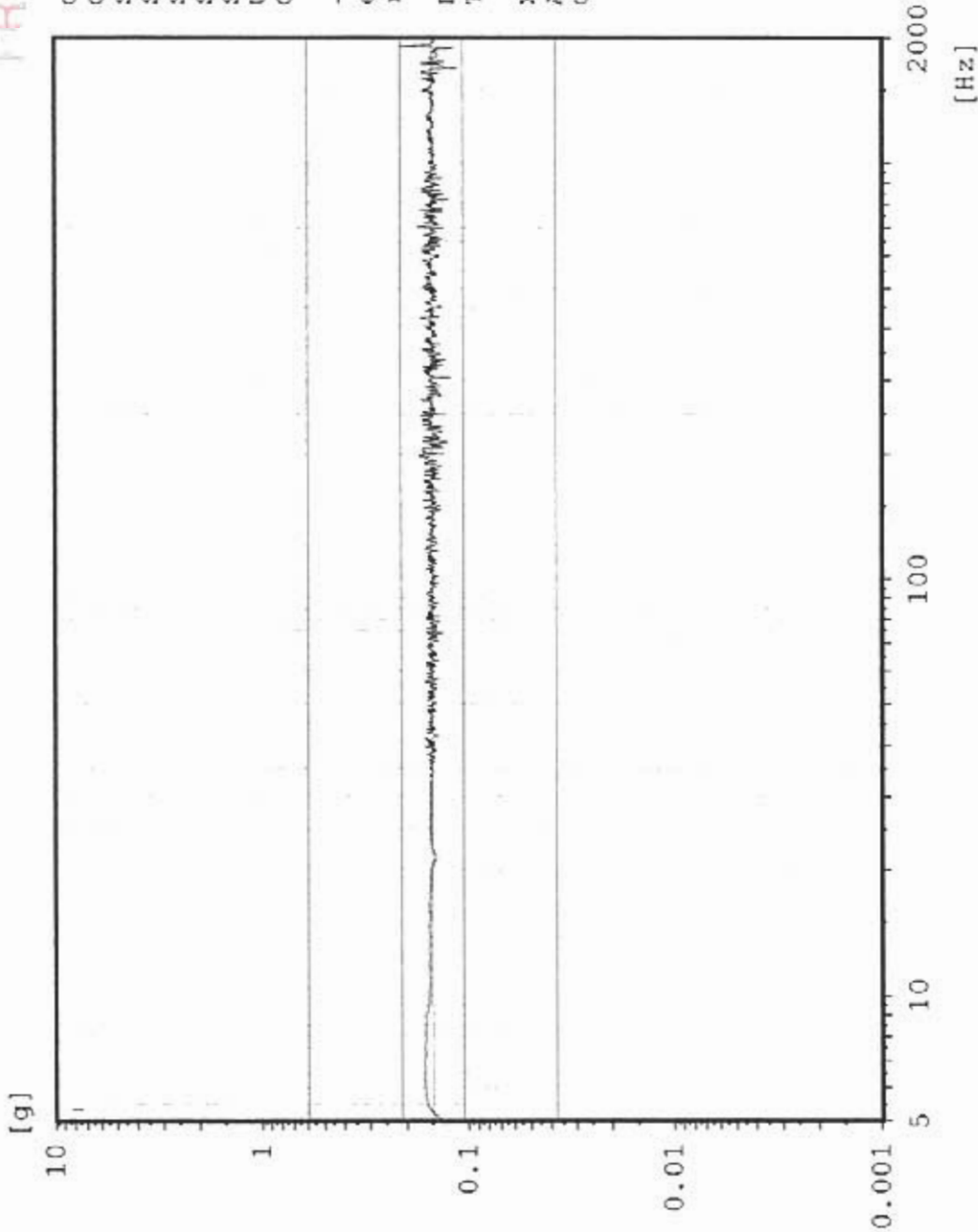
PRELIMINARY DA

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: 05-11-05
Time: 15:07:25

X - axis Post Random 2nd Run
Acceptance Unit
GLAT 1813



AX3 TPS top center

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA

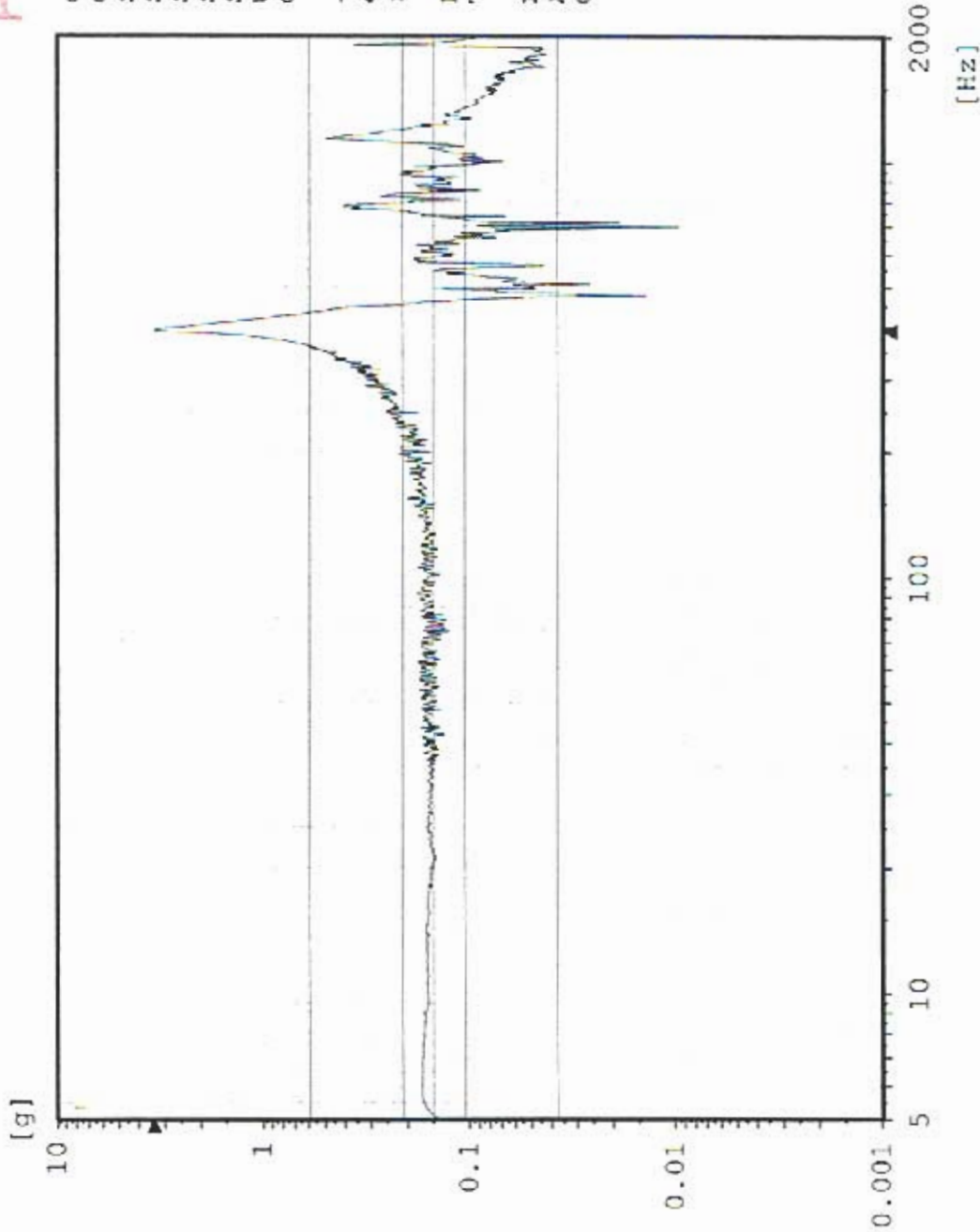
Chan.no: 2
Chan.type: M Filtered
Sweep type: logarithmic
Sweeps done: 1
Sweeps req.: 1
Sweep direct.: up
Sweep rate: 2.00 Oct/min
Unit: g
Contr.strat.: Closed loop

-- Testing time --

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

Date: 05-11-05
Time: 15:07:25

X - axis Post Random 2nd Run
Acceptance Unit
GLAT 1813



AX4 TPS top edge

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



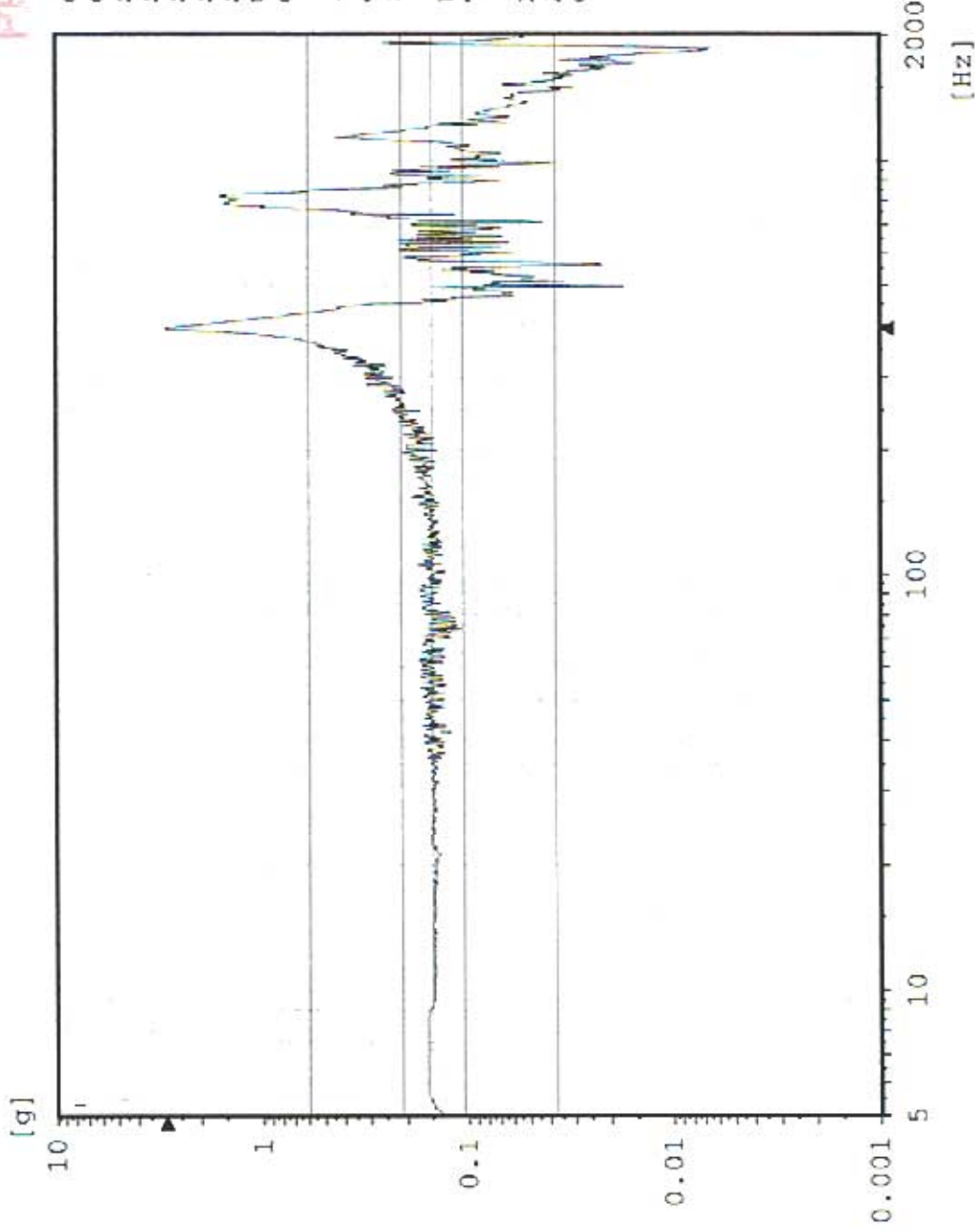
PRELIMINARY DATA

Chan.no: 3
Chan.type: X 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: 05-11-05
Time: 15:07:25

X - axis Post Random 2nd Run
Acceptance Unit
GLAT 1813

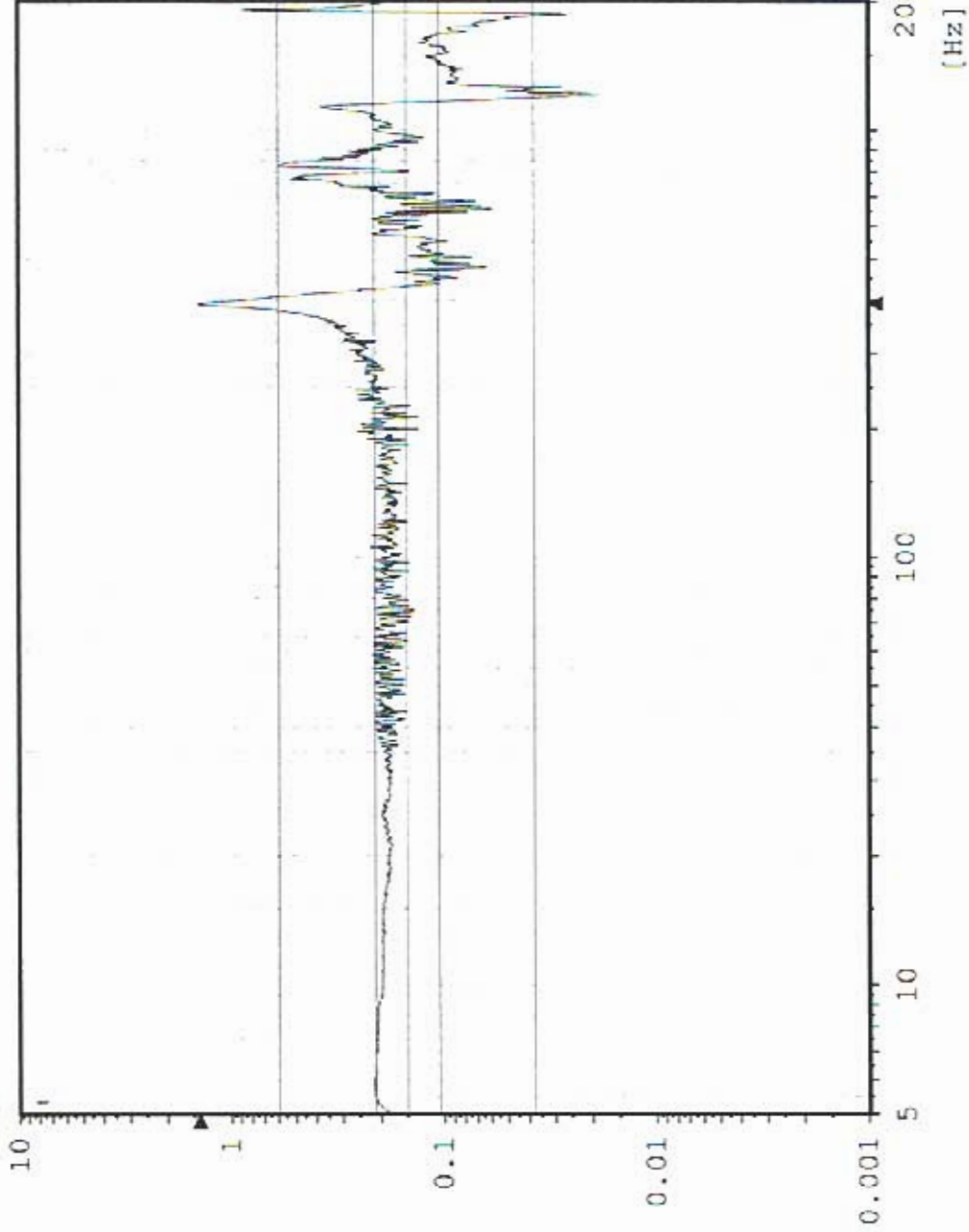


Sine AX1 TEM center edge

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 15:07:25

X - axis Post Random 2nd Run
 Acceptance Unit
 GLAT 1813

AX2 TPS CG

Sine

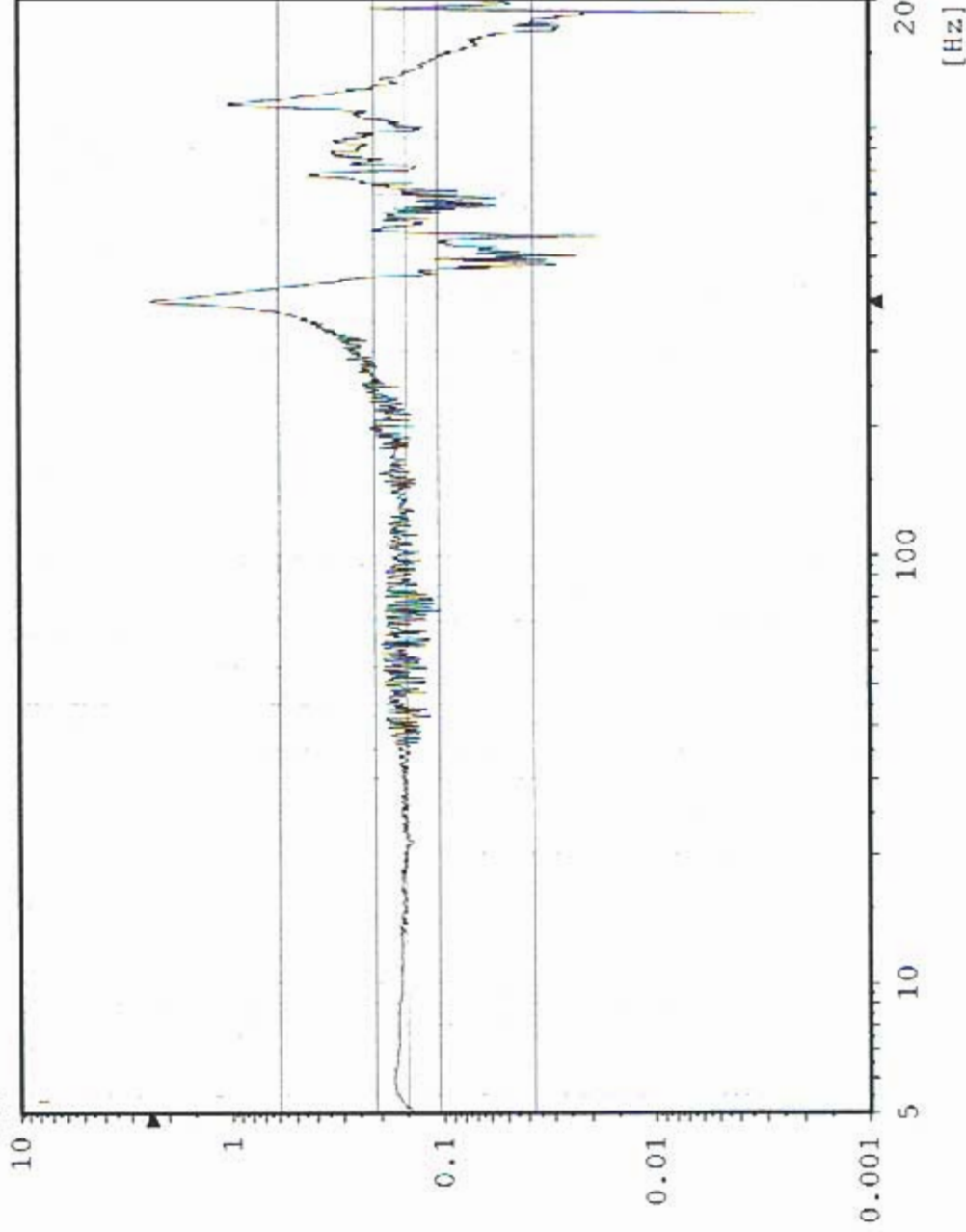
Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 15:07:25

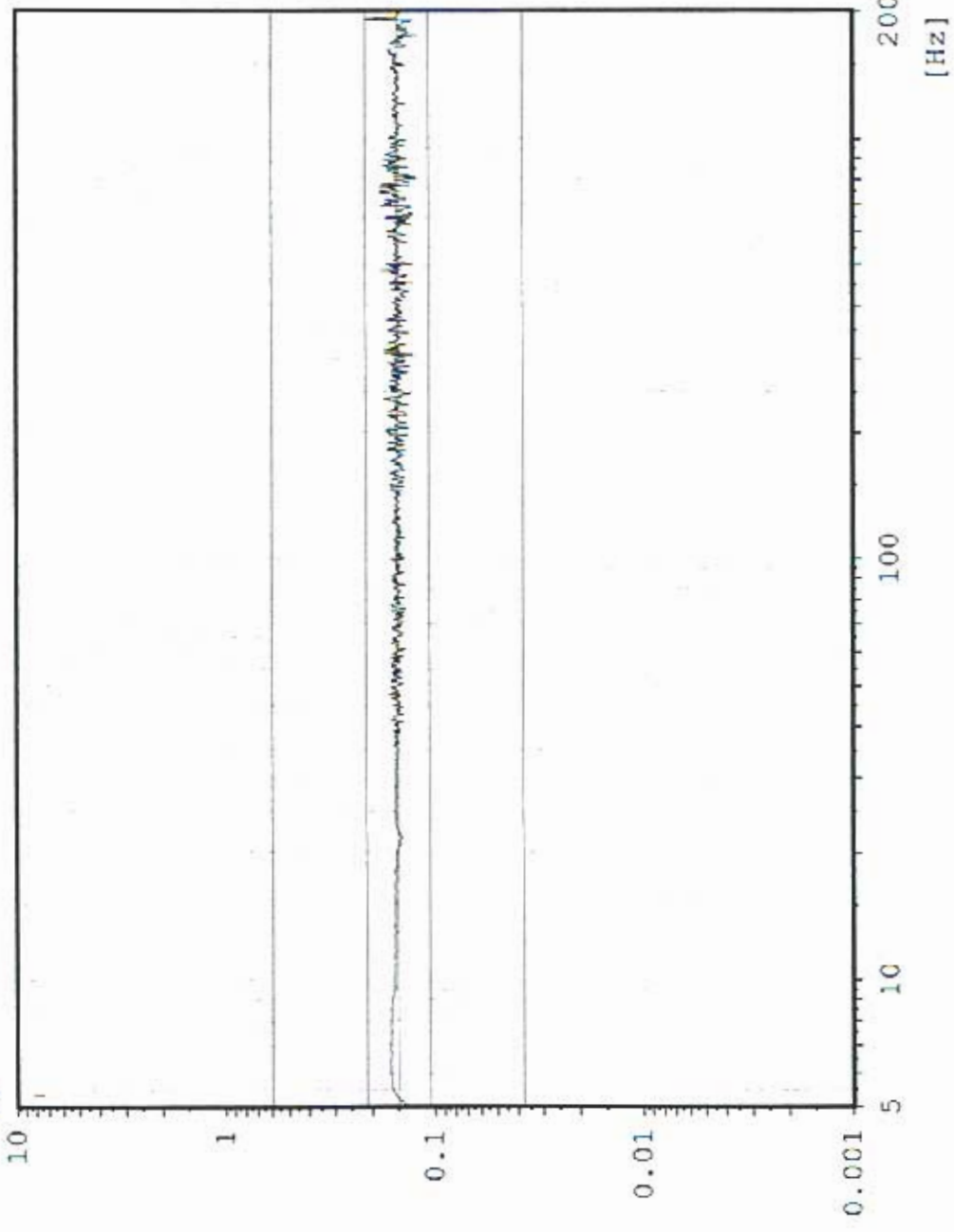
X - axis Post Random 2nd Run
 Acceptance Unit
 GLAT 1813

Sine CX1 X-Axis Control

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
Time: 15:16:34

X - axis Post Random 3rd Run
Acceptance Unit
GLAT 1813

Sine AX3 TPS top center

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



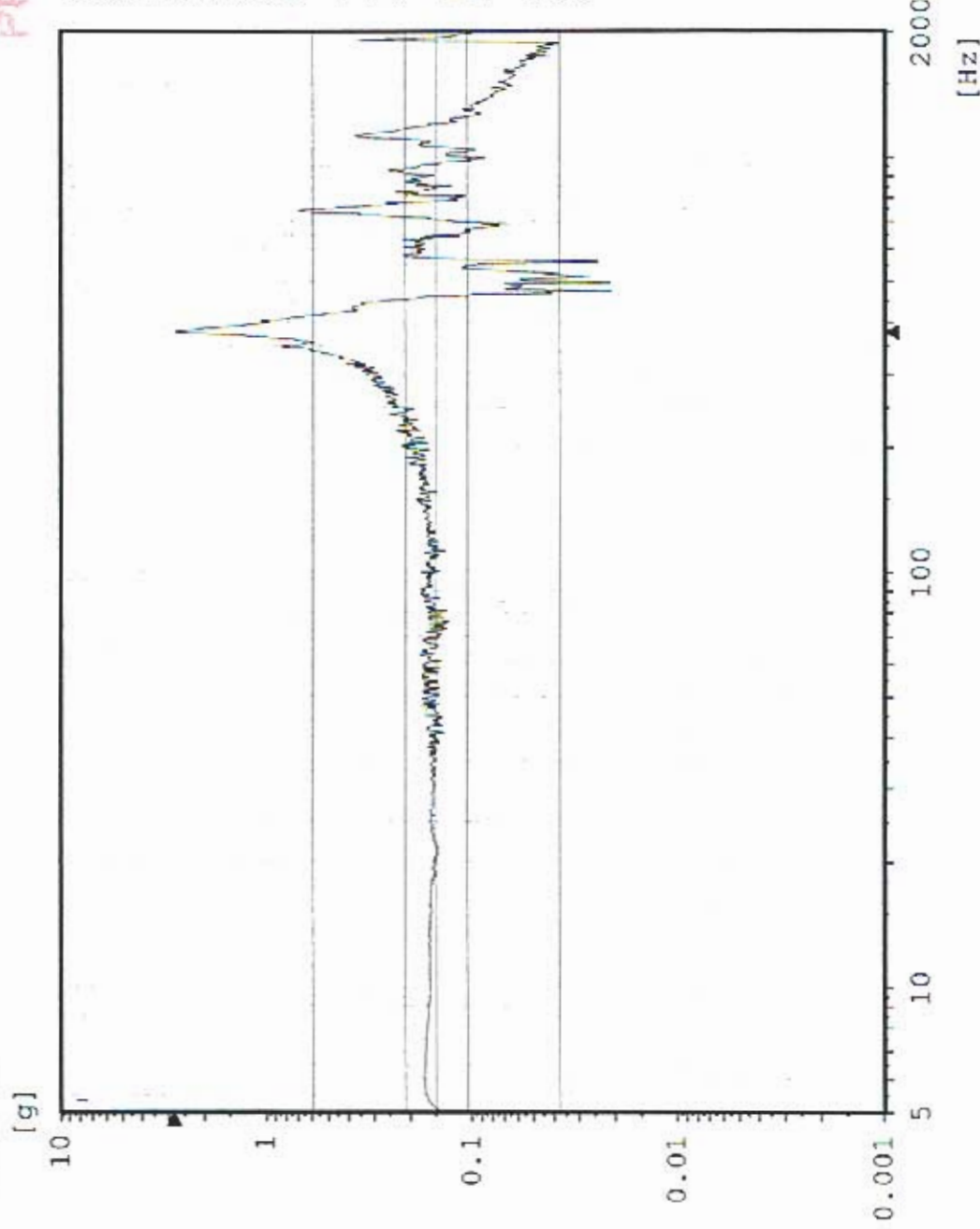
PRELIMINARY DATA

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: 05-11-05
Time: 15:16:34

X - axis Post Random 3rd Run
Acceptance Unit
GLAT 1813

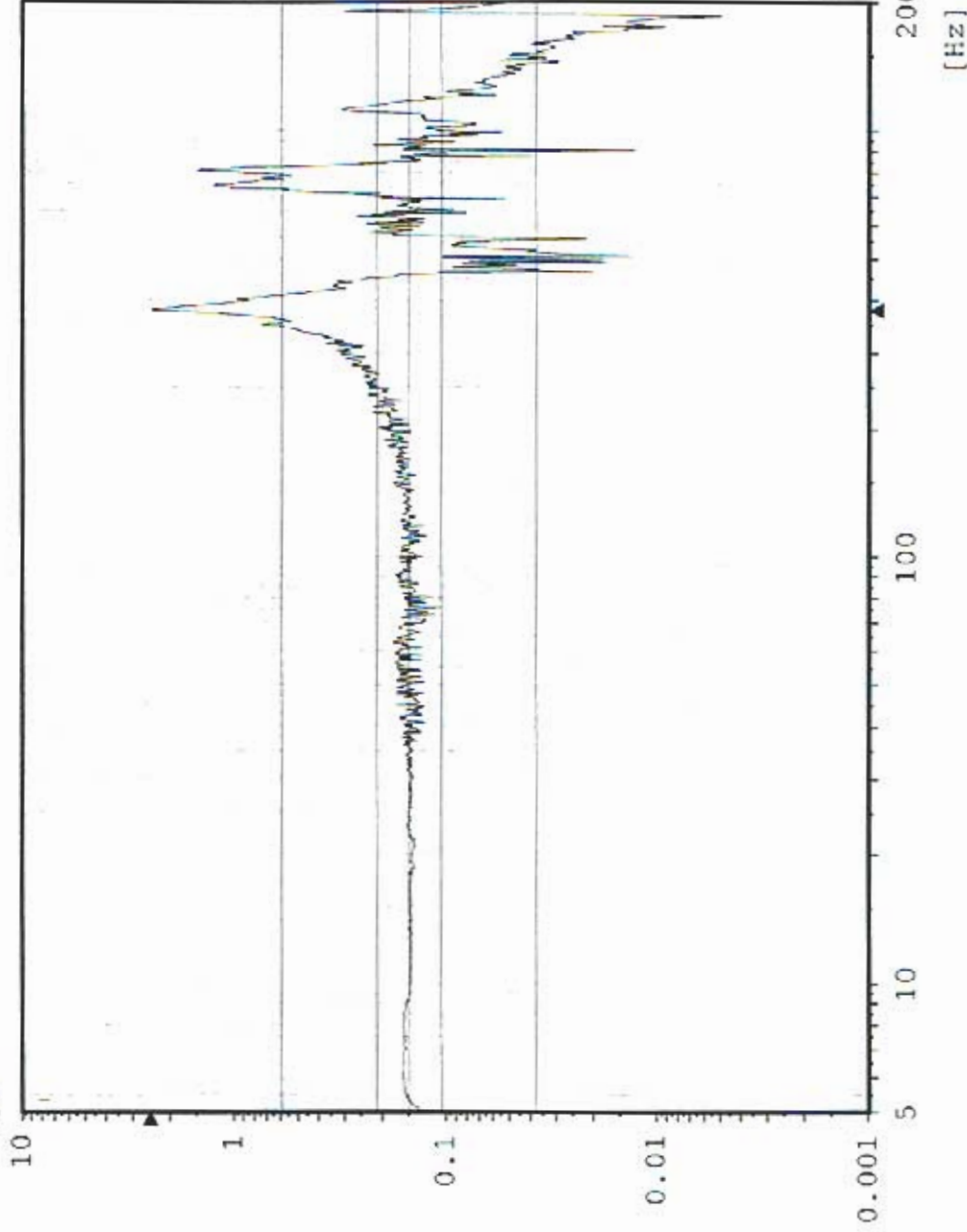


AX4 TPS top edge

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 15:16:34

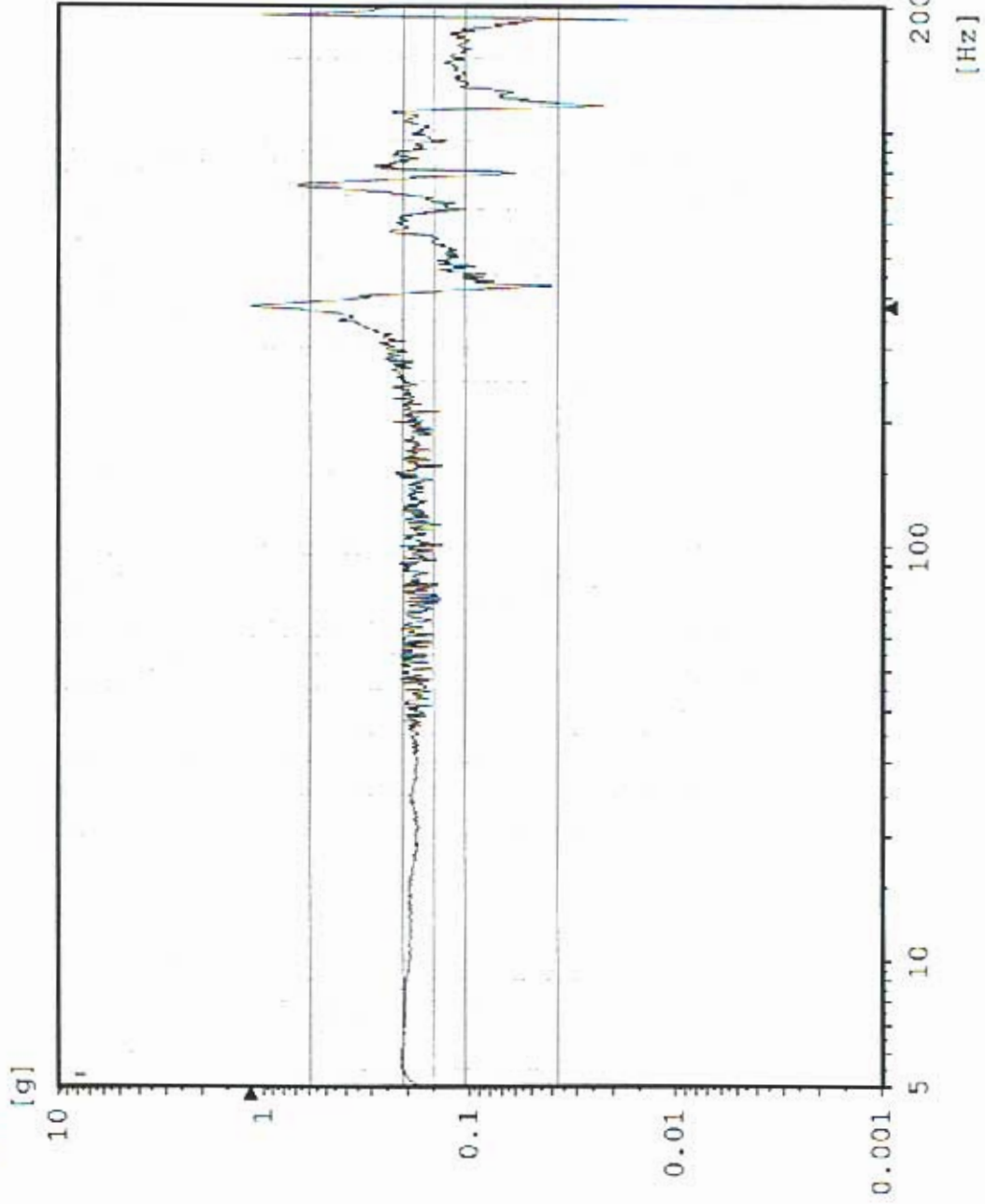
X - axis Post Random 3rd Run
 Acceptance Unit
 GLAT 1813

Sine AX1 TEM center edge

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 15:16:34

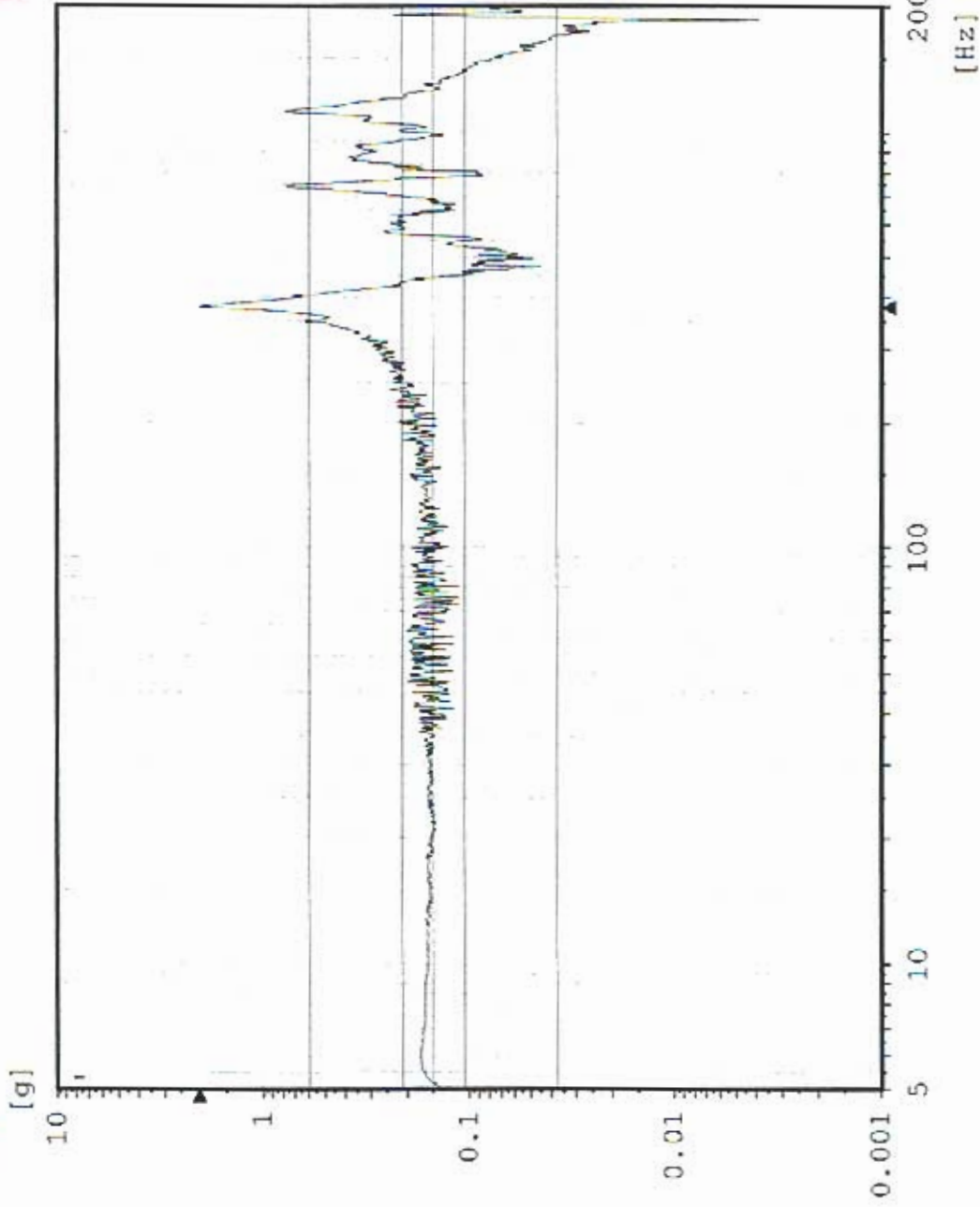
X - axis Post Random 3rd Run
 Acceptance Unit
 GLAI 1813

AX2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 15:16:34

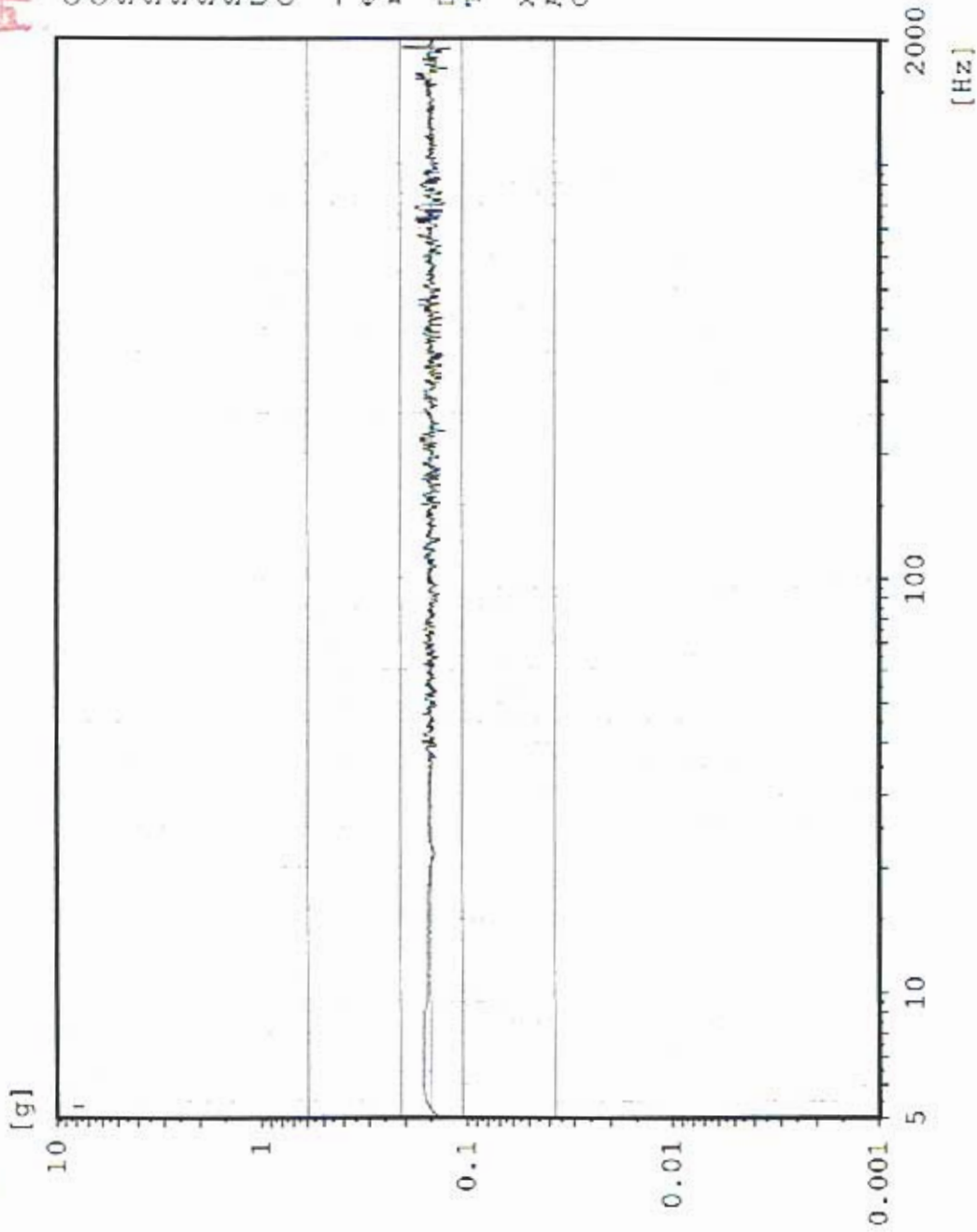
X - axis Post Random 3rd Run
 Acceptance Unit
 GLAT 1813

Sine CX1 X-Axis Control

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
Time: 15:38:35

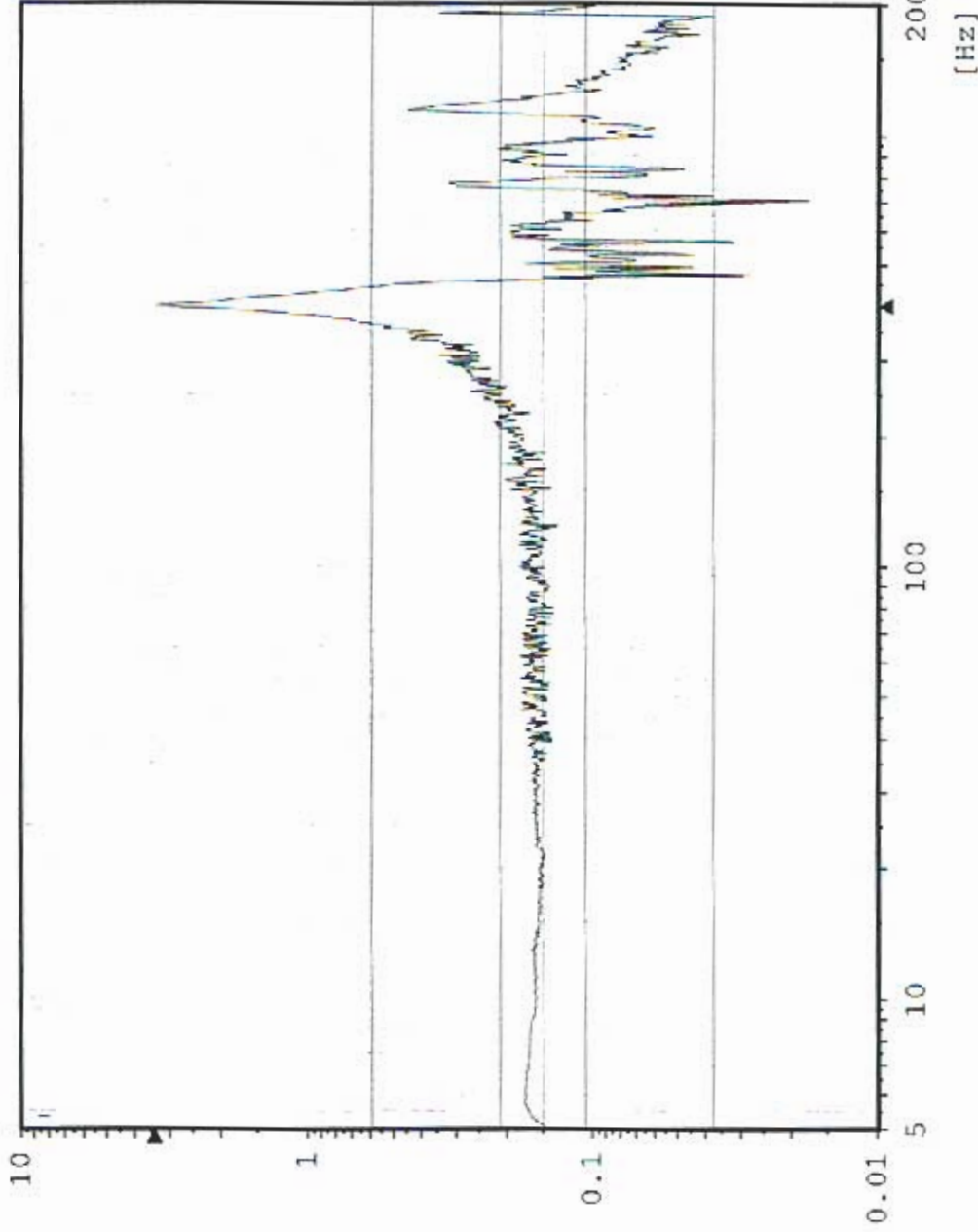
X - axis Post Random 4th Run
Acceptance Unit
GLAT 1813

Sine AX3 TPS top center

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA.



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: 05-11-05
 Time: 15:38:35

X - axis Post Random 4th Run
 Acceptance Unit
 GLAT 1813

AX4 TPS top edge

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



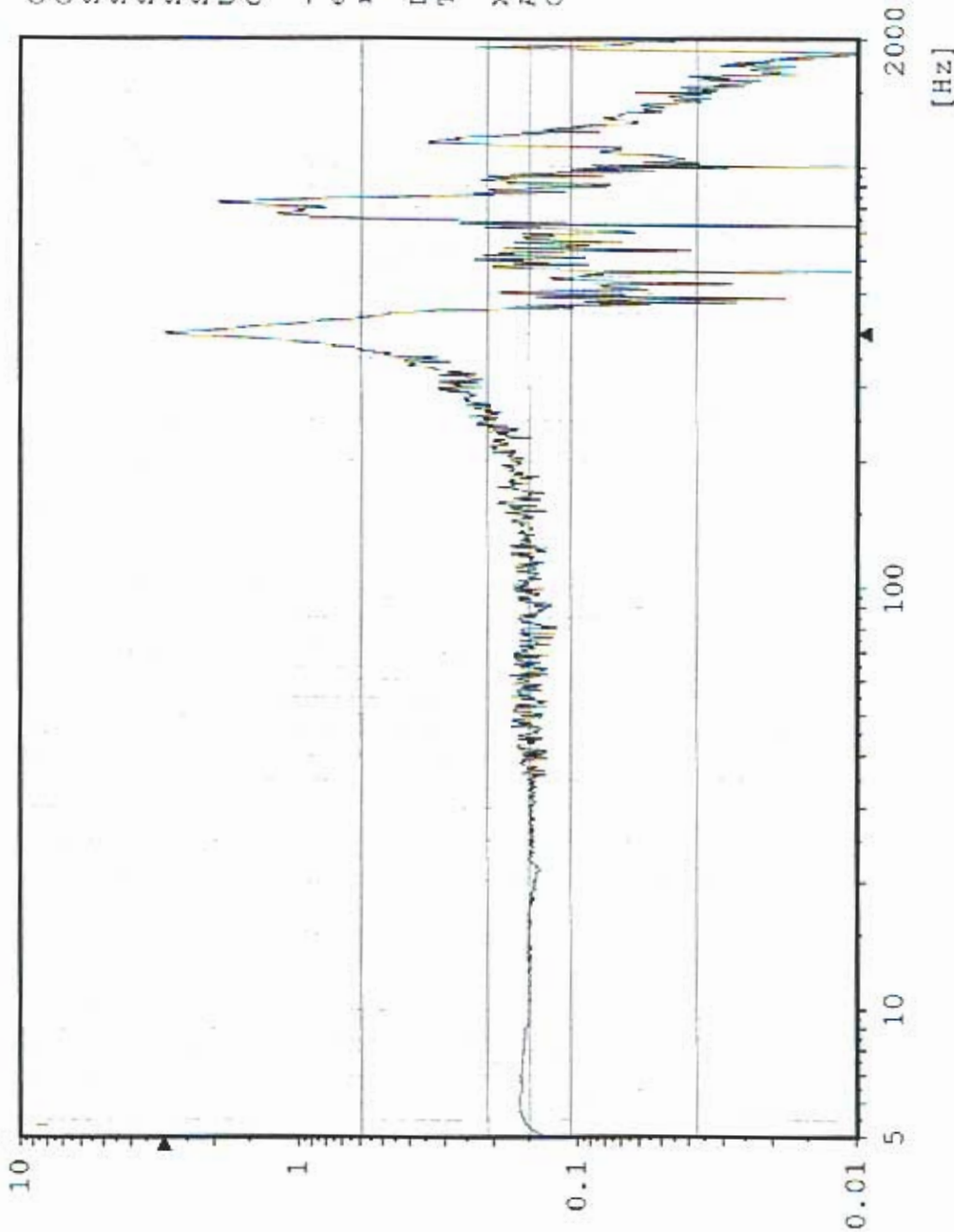
PRELIMINARY DATA

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: 05-11-05
Time: 15:38:35

X - axis Post Random 4th Run
Acceptance Unit
GLAT 1813



Sine AX1 TEM center edge

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



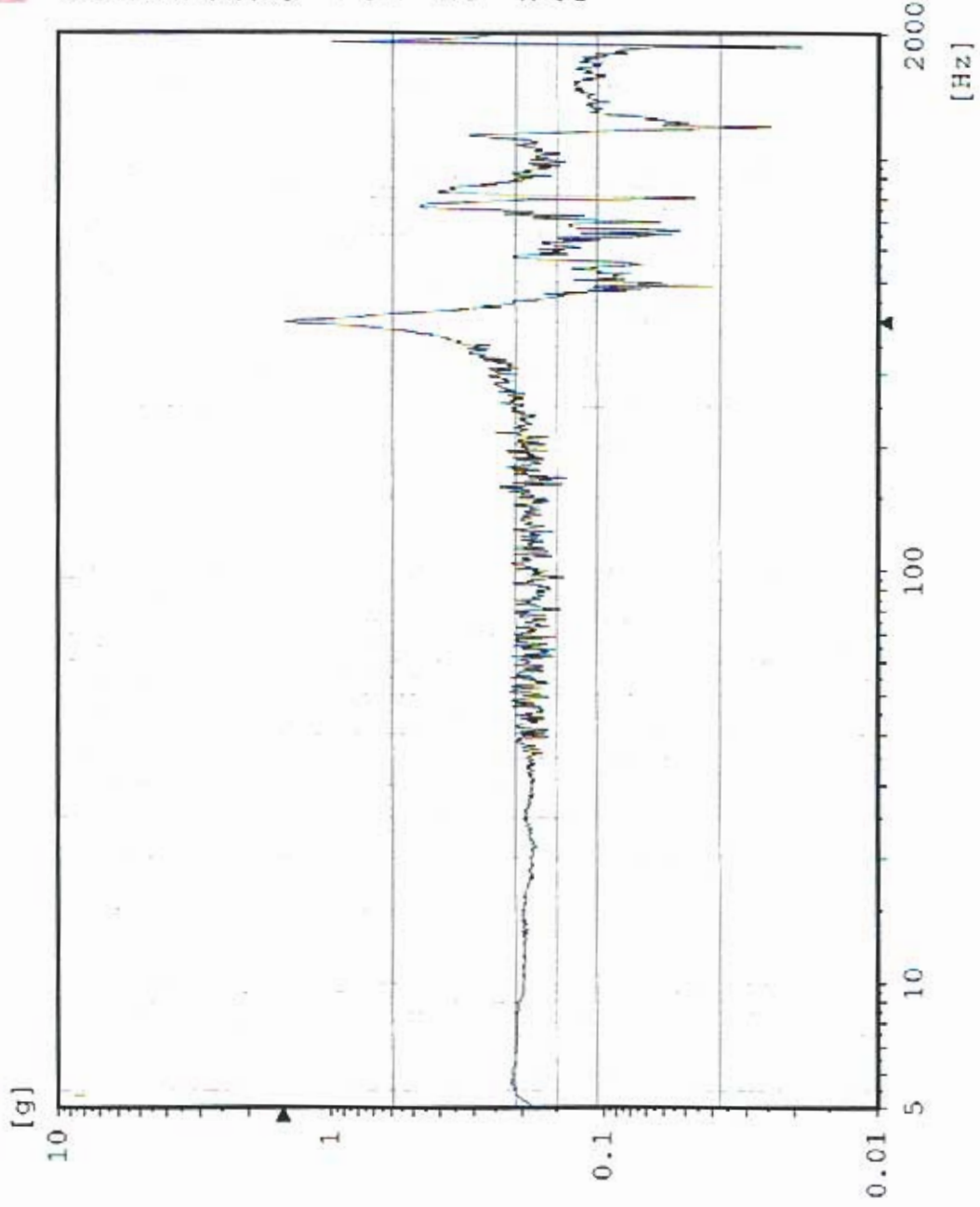
PRELIMINARY DATA

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: 05-11-05
Time: 15:38:35

X - axis Post Random 4th Run
Acceptance Unit
GLAT 1813



AX2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



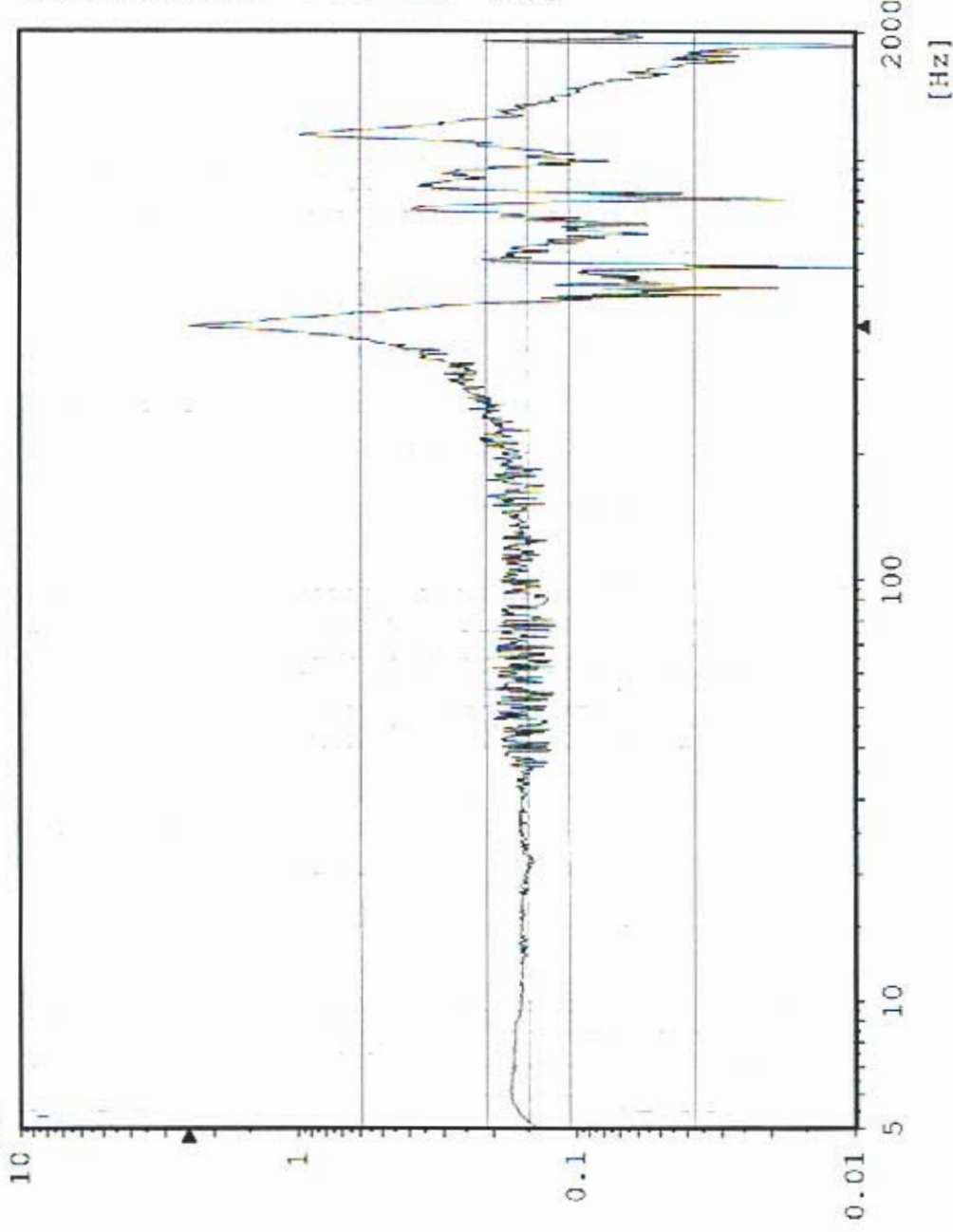
PRELIMINARY DATA

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: 05-11-05
Time: 15:38:35

X - axis Post Random 4th Run
Acceptance Unit
GLAT 1813



Sine CY1 Y-Axis Control

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



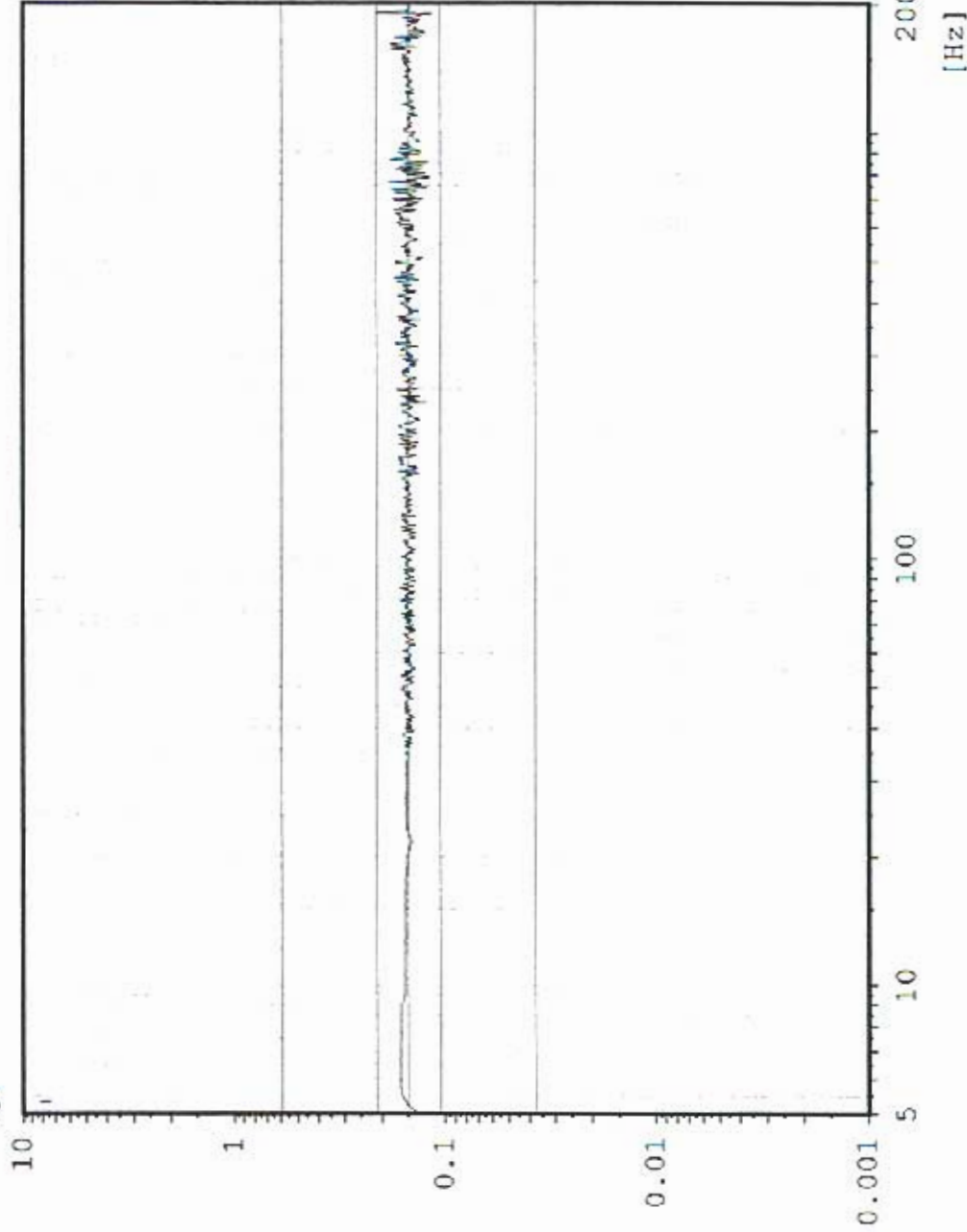
PRELIMINARY DATA

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: 05-11-05
Time: 15:59:15

Y - axis Pre Random
Acceptance Unit
GLAT 1813



Sine AY3 TPS Top Center

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



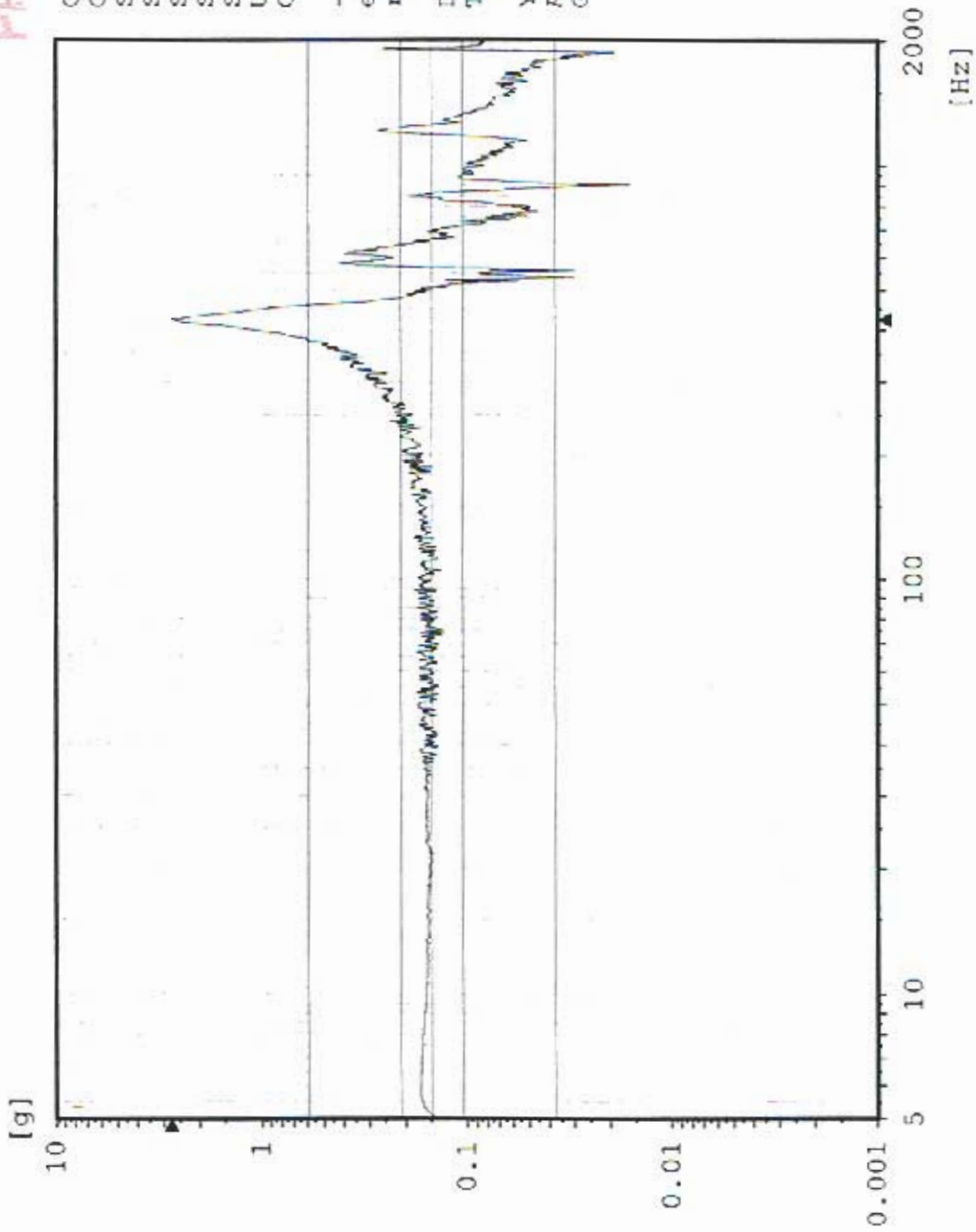
PRELIMINARY DATA

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: 05-11-05
 Time: 15:59:15

Y - axis Pre Random
 Acceptance Unit
 GLAT 1813

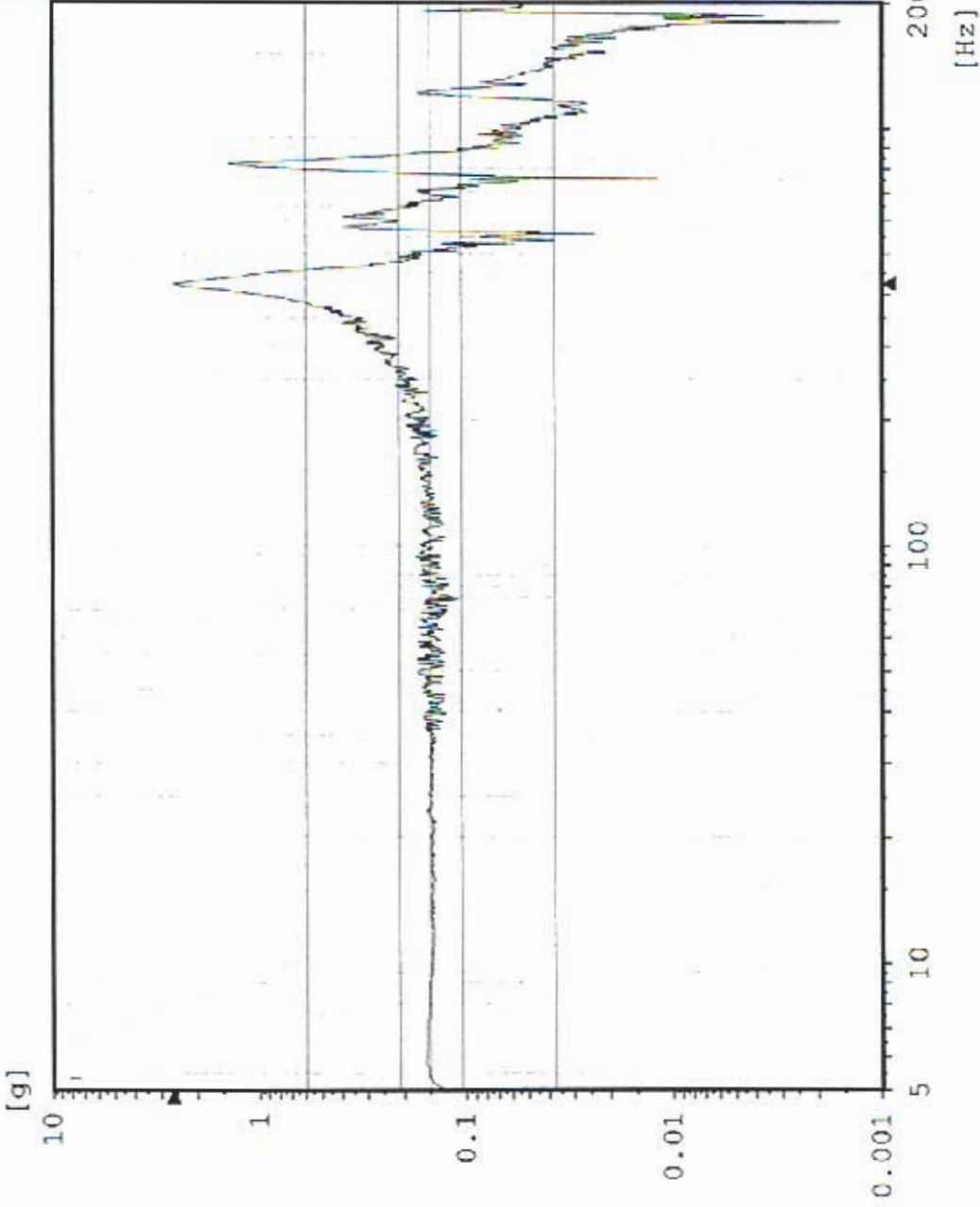


Sine AY4 TPS Top Edge

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 15:59:15

Y - axis Pre Random
 Acceptance Unit
 GLAT 1813

Sine AY1 TEM Center Edge

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



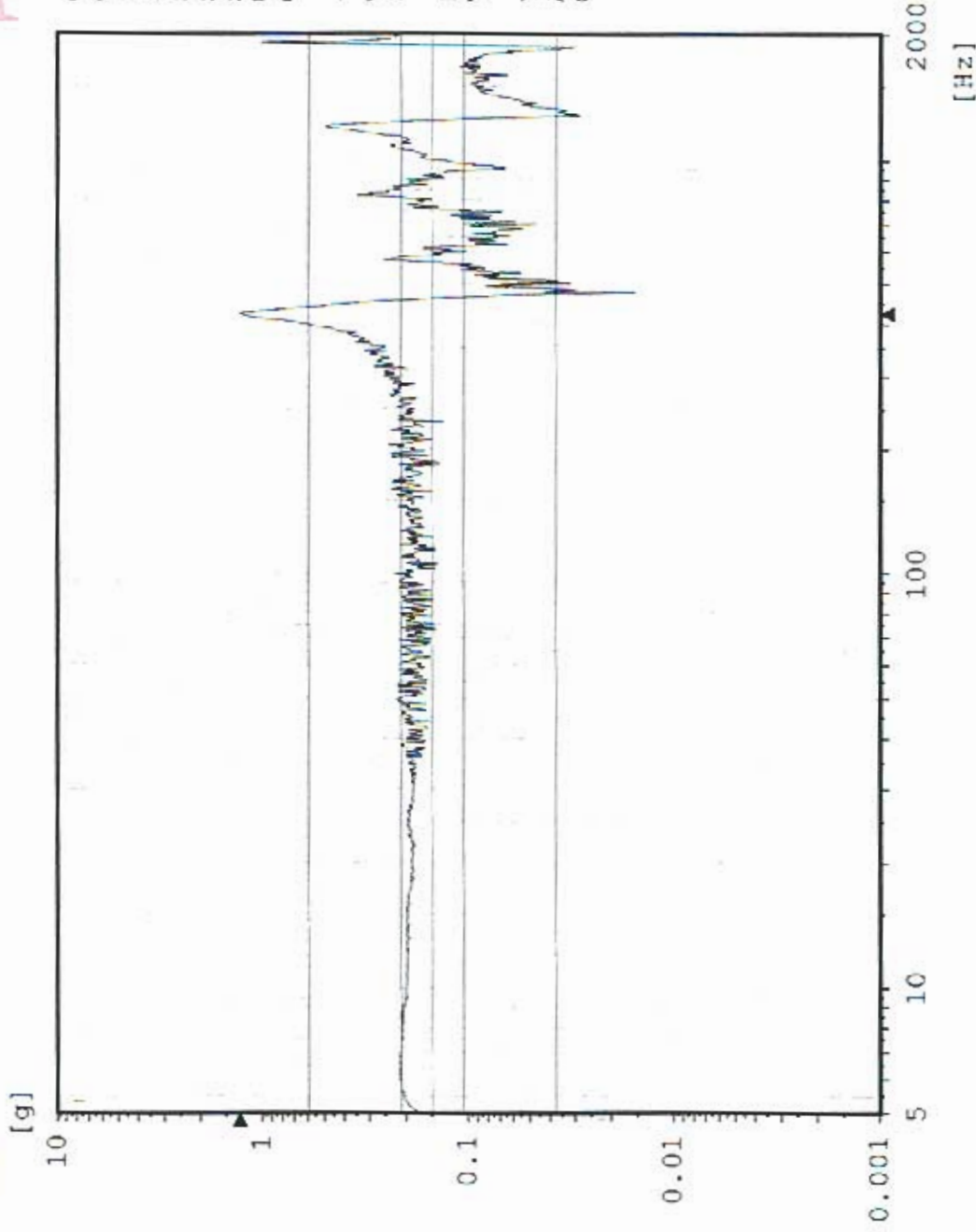
PRELIMINARY DATA

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: 05-11-05
 Time: 15:59:15

Y - axis Pre Random
 Acceptance Unit
 GLAT 1813



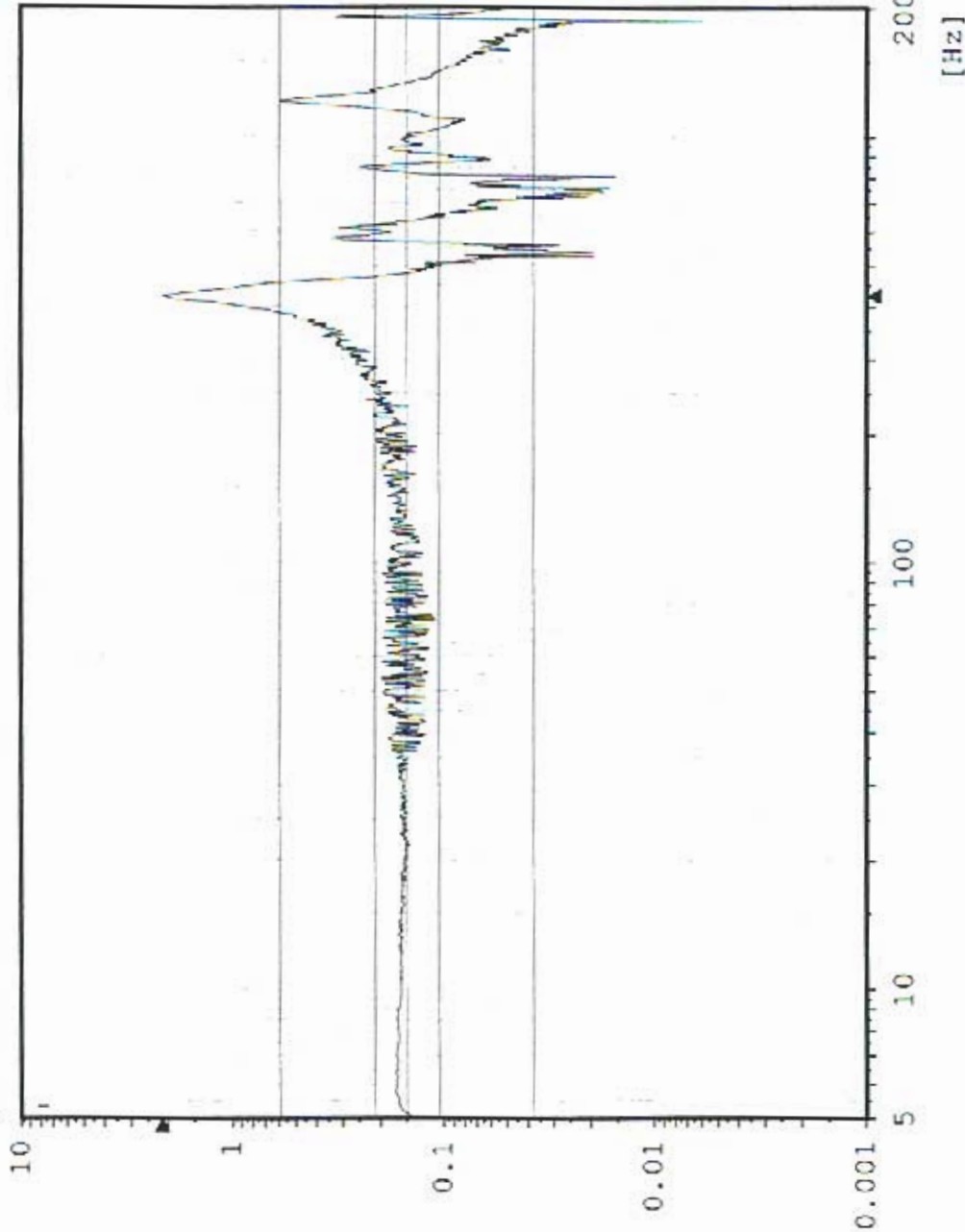
AY2 TPS CG

Sine

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 15:59:15

Y - axis Pre Random
 Acceptance Unit
 GLAT 1813

CY1 Y-Axis Control

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

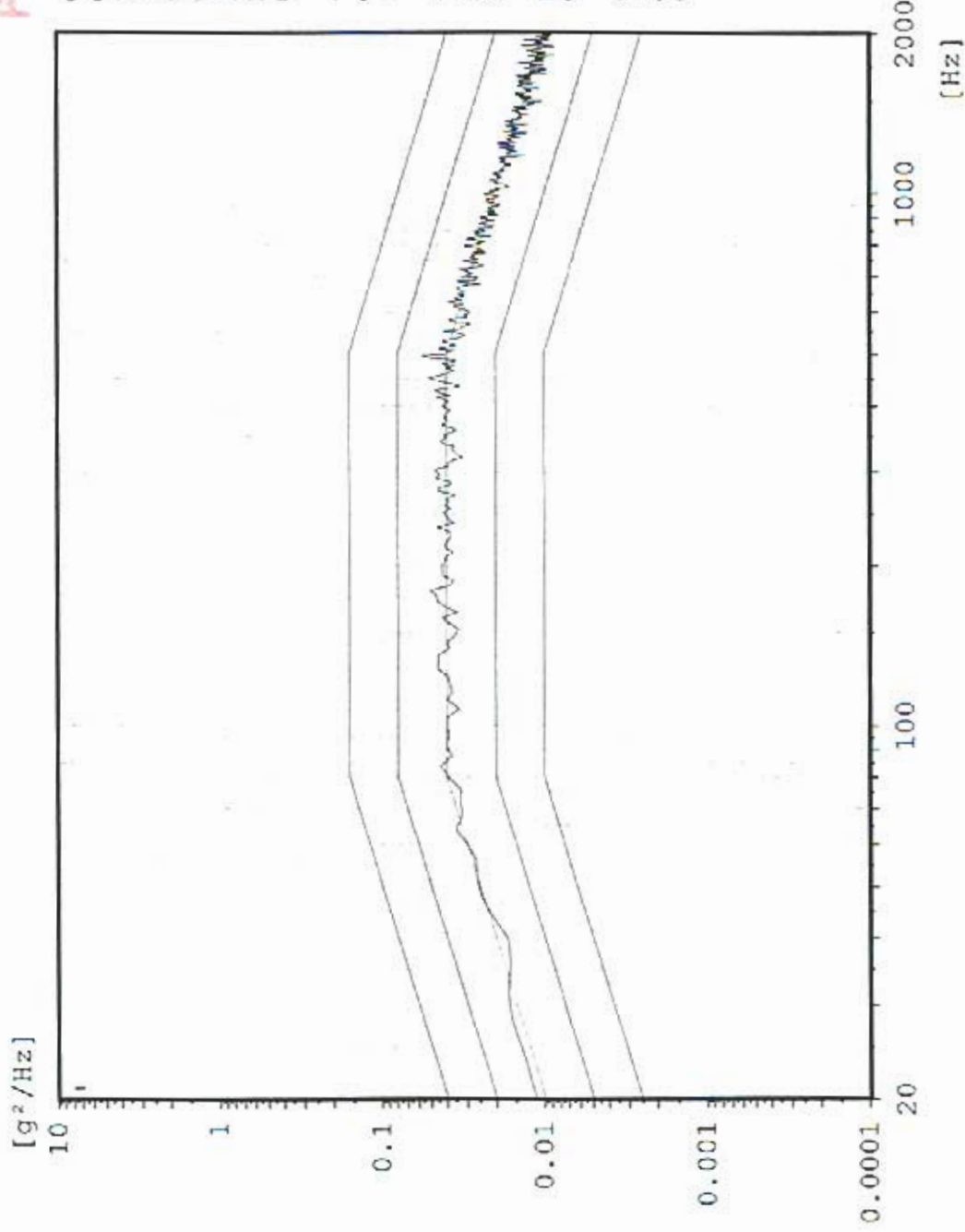
Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 6.807 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-11-05
Time: 16:07:26

Y - Axis
Acceptance Unit
GLAT 1813



Max: 400 Hz 4.539 g²/Hz

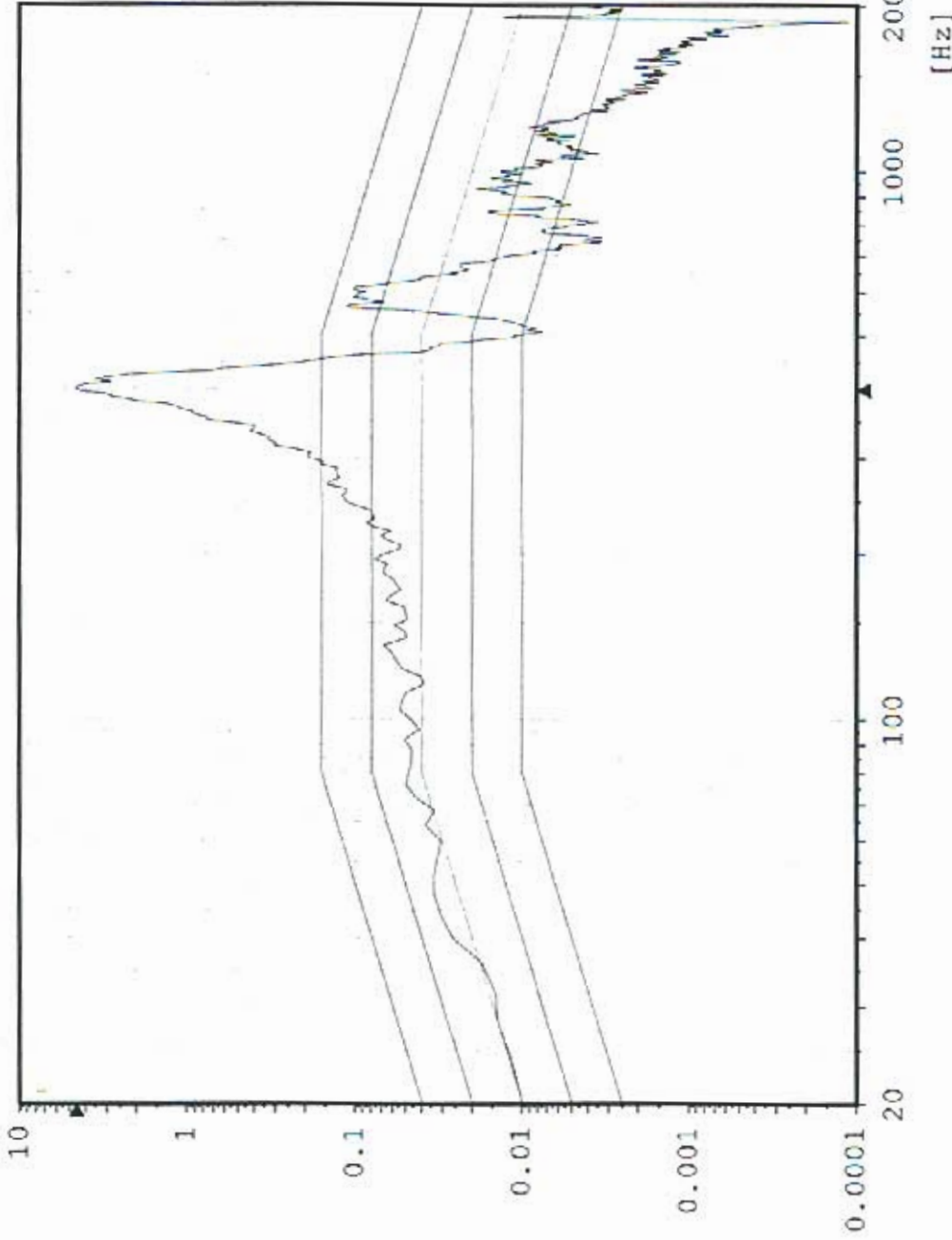
Random AY3 TPS Top Center

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

[g²/Hz]



Chan.no: 2
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 15.89 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: 000:02:56
remaining: 000:00:00

Date: 05-11-05
Time: 16:07:26

Y - Axis
Acceptance Unit
GLAT 1813

Max: 400 Hz 4.048 g²/Hz

AY4 TPS Top Edge

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

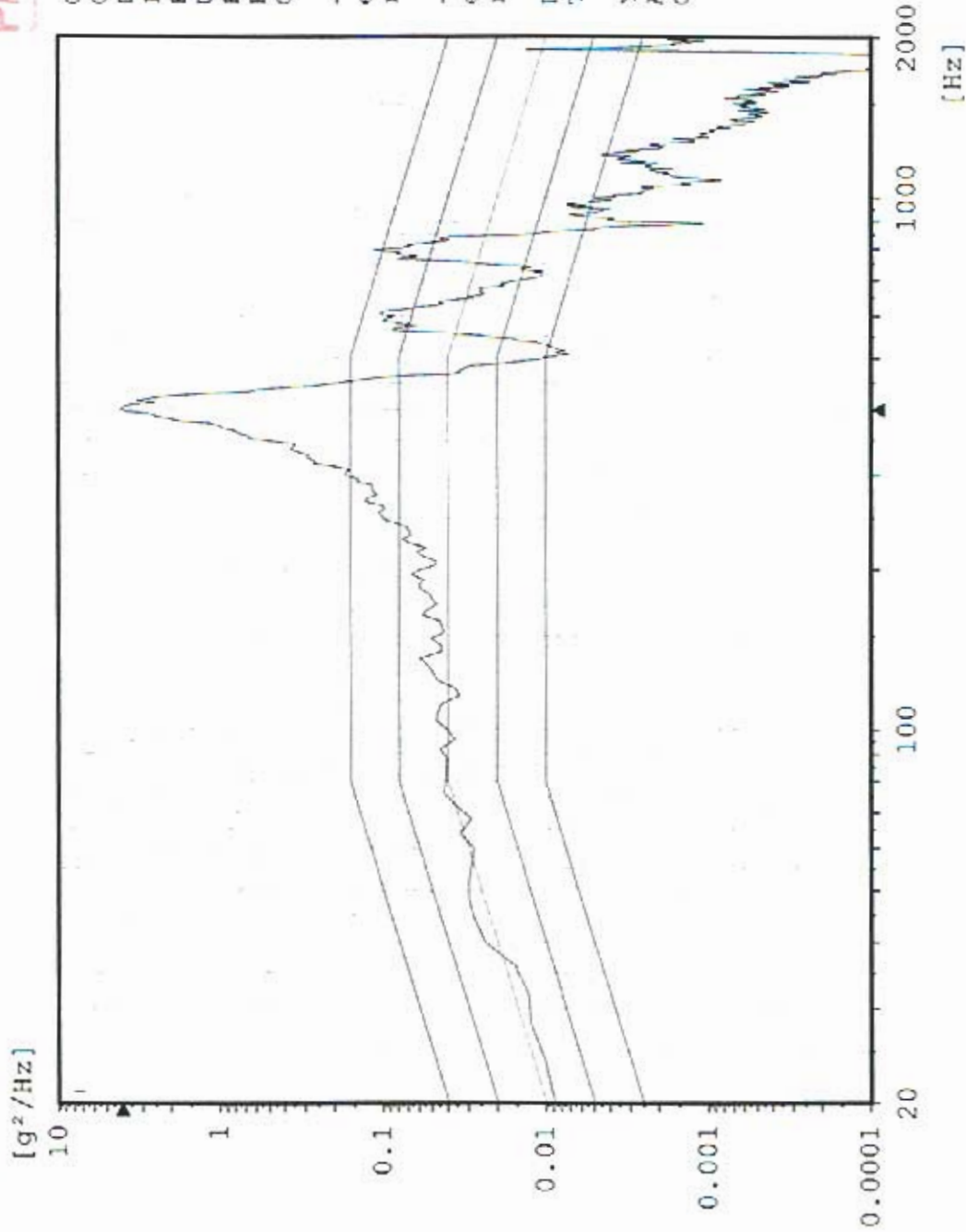
Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 15.14 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-11-05
Time: 16:07:26

Y - Axis
Acceptance Unit
GLAT 1813



Max: 400 Hz 0.898 g²/Hz

Random AY1 TEM Center Edge

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

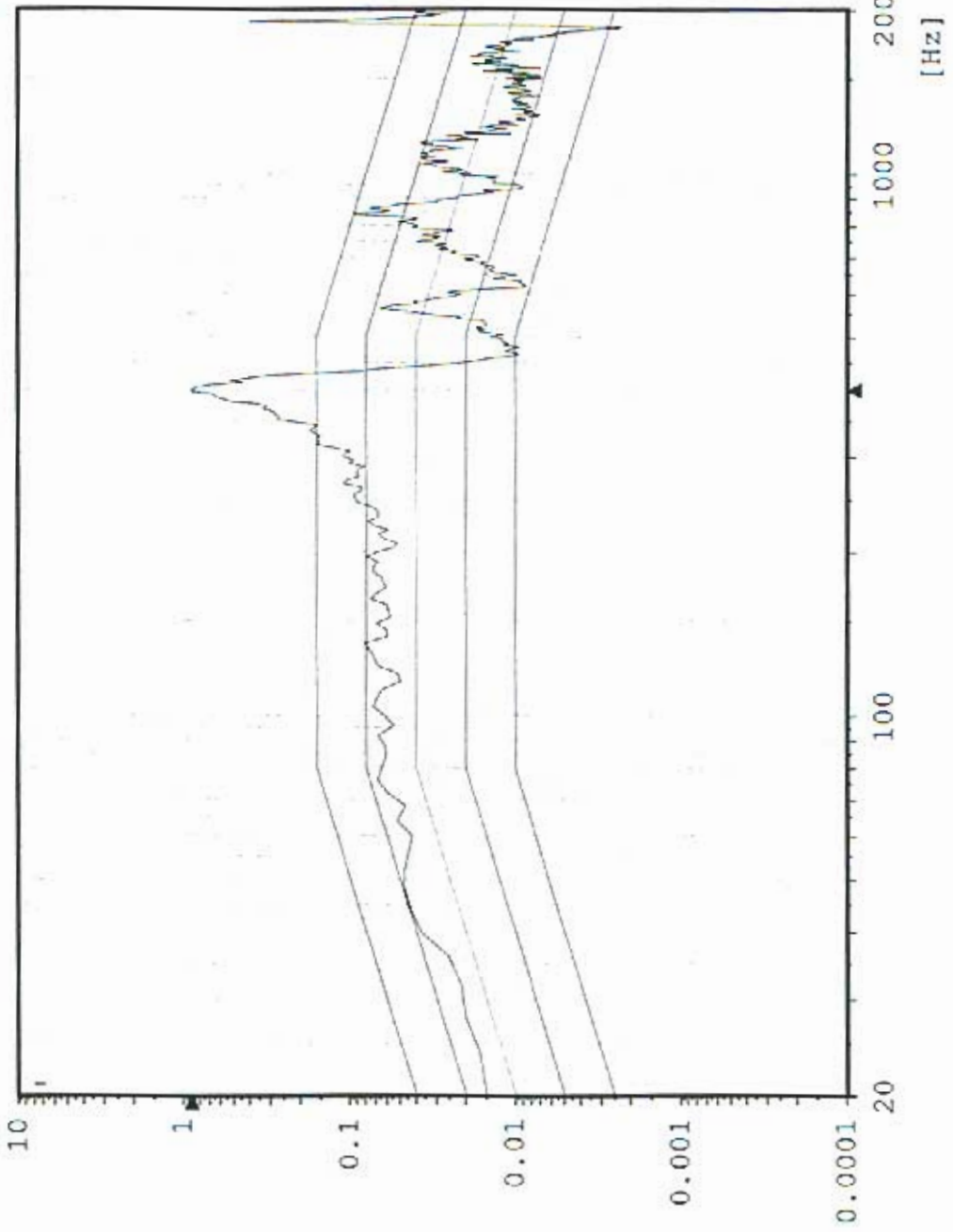
Chan.no: 5 M
 Chan.type: 100
 DCF: 0.0 dB
 Level: 4 Hz
 Resolution: g²/Hz
 Unit: 10.2 g
 RMS (act.): 6.787 g
 RMS (req.): Closed loop
 Contr.strat.:

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

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

Date: 05-11-05
 Time: 16:07:26

Y - Axis
 Acceptance Unit
 GLAT 1813



Max: 400 Hz 2.917 g²/Hz

AY2 TPS CG

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

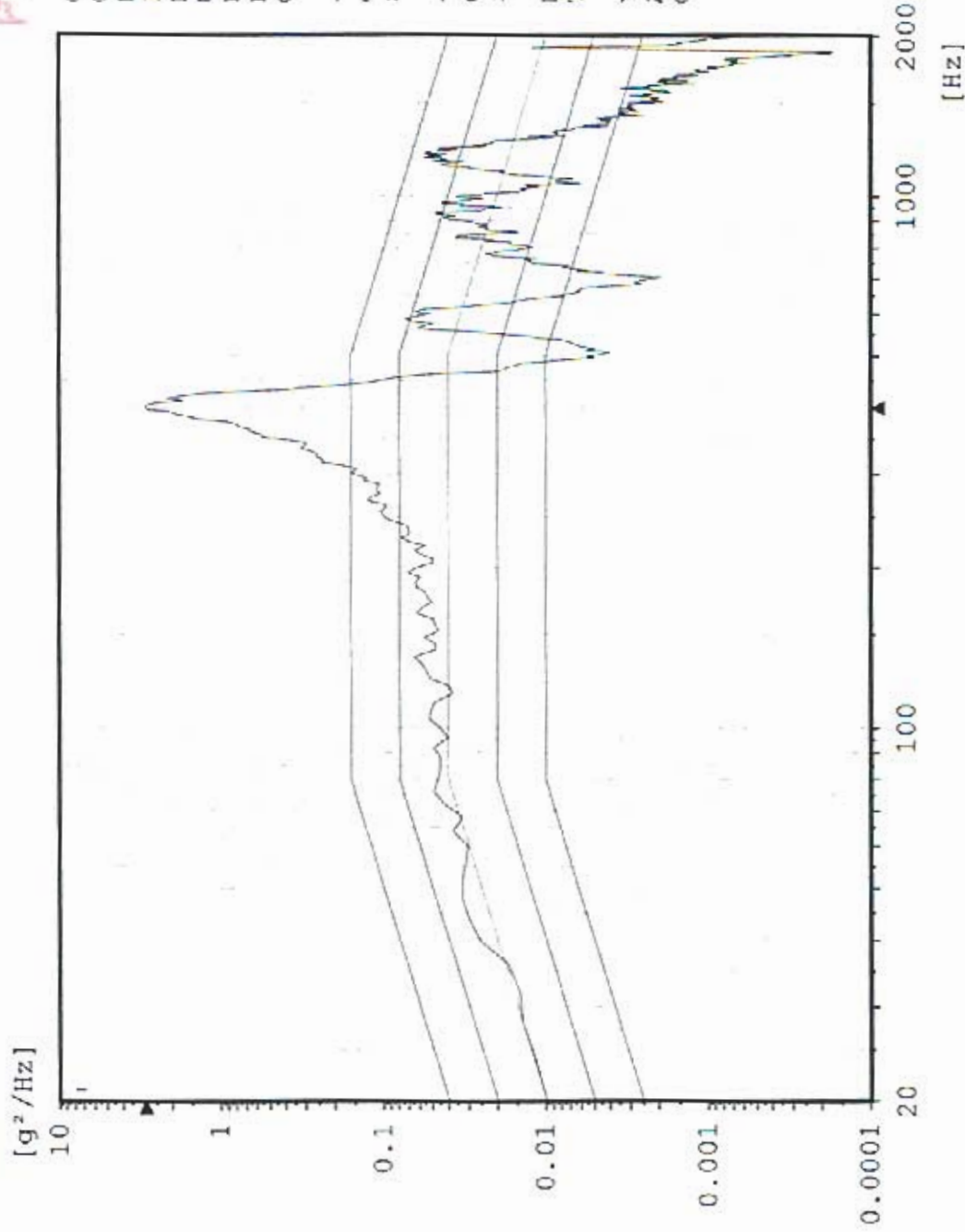
Chan.no: 10
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 13.4 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-11-05
Time: 16:07:26

Y - Axis
Acceptance Unit
GLAT 1813



CY1 Y-Axis Control

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



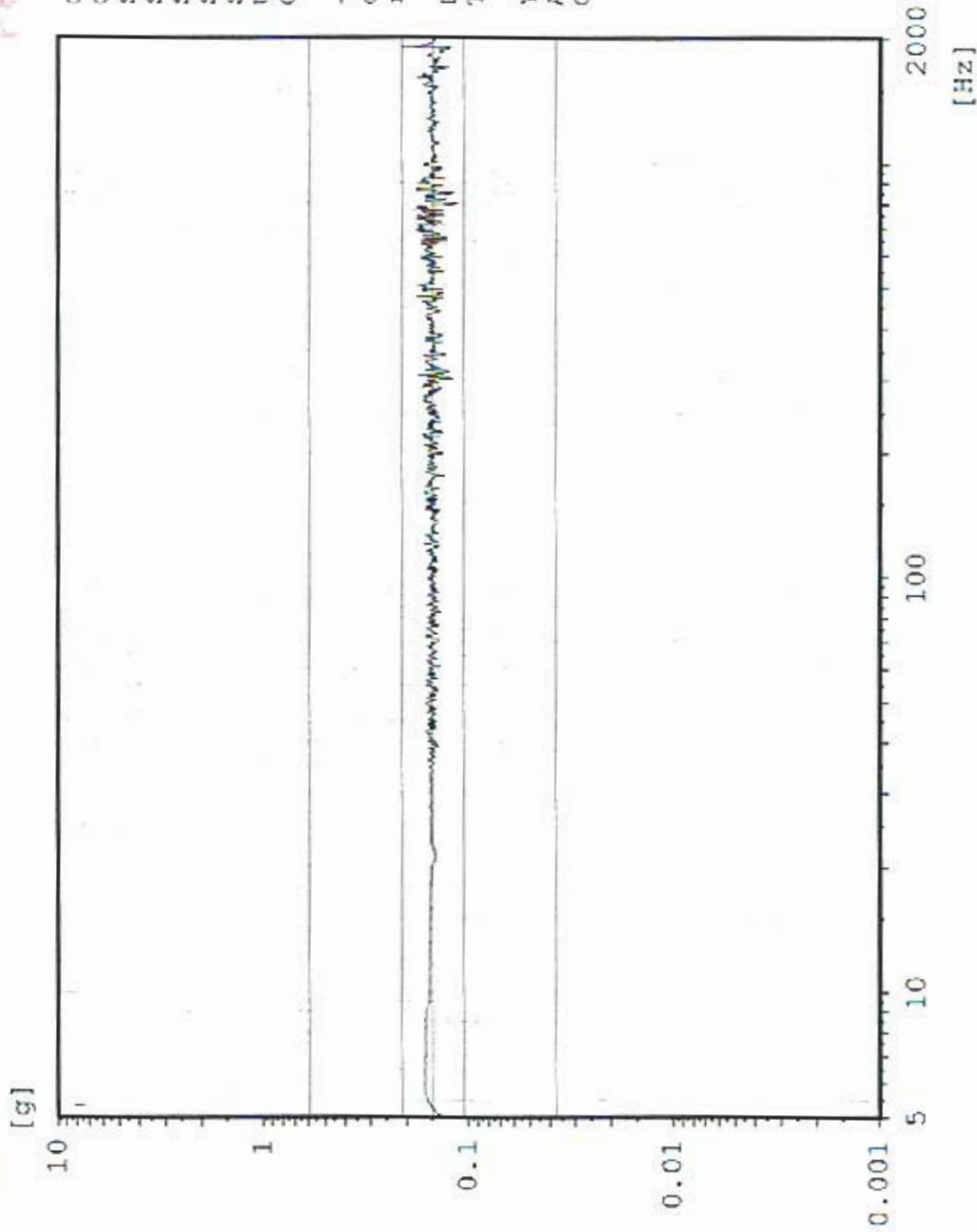
PRELIMINARY DATA

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: 05-11-05
Time: 16:18:59

Y - axis Post Random
Acceptance Unit
GLAT 1813



AY3 TPS Top Center

Sine

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



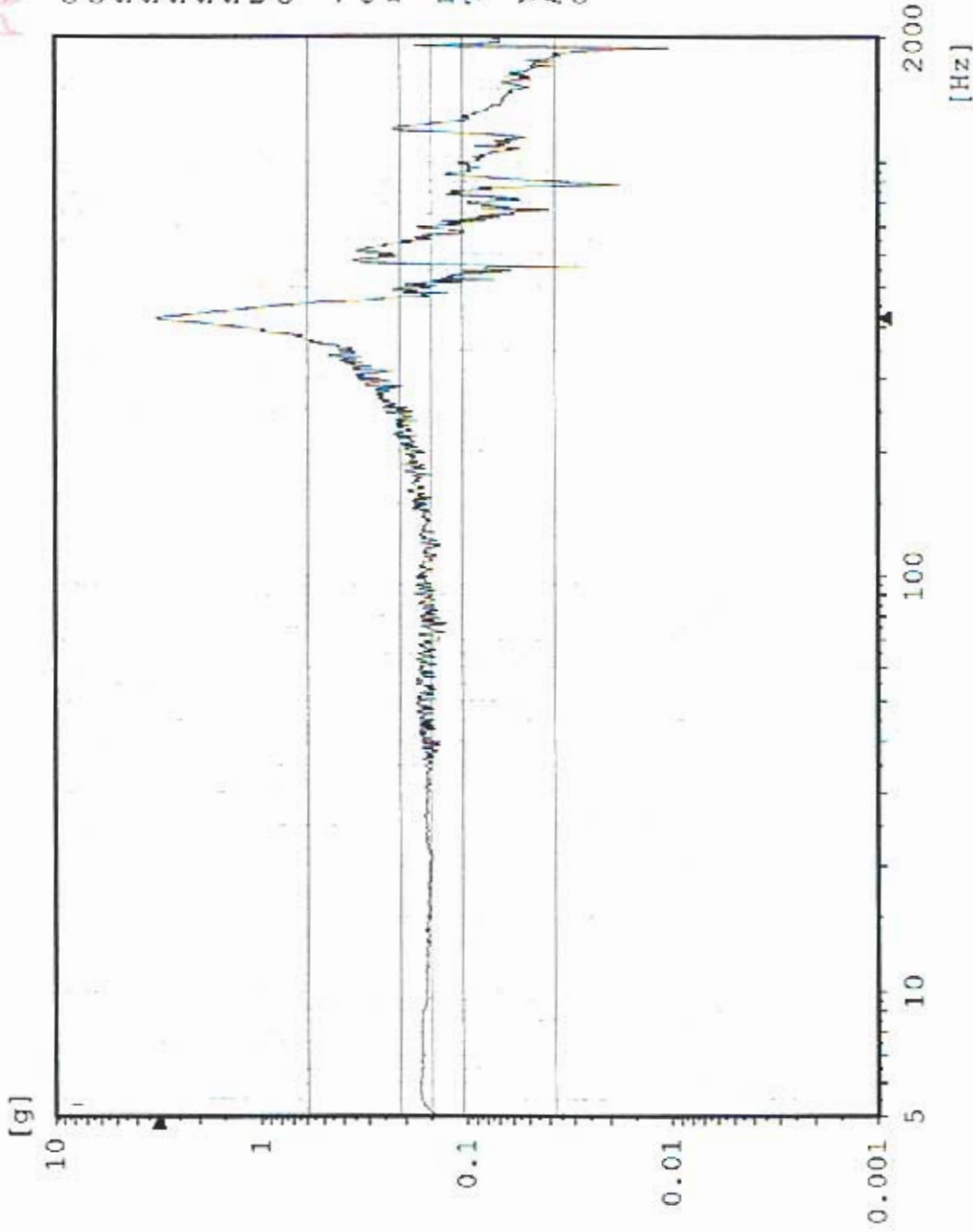
PRELIMINARY DATA

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: 05-11-05
 Time: 16:18:59

Y - axis Post Random
 Acceptance Unit
 GLAT 1813



AY4 TPS Top Edge

Sine

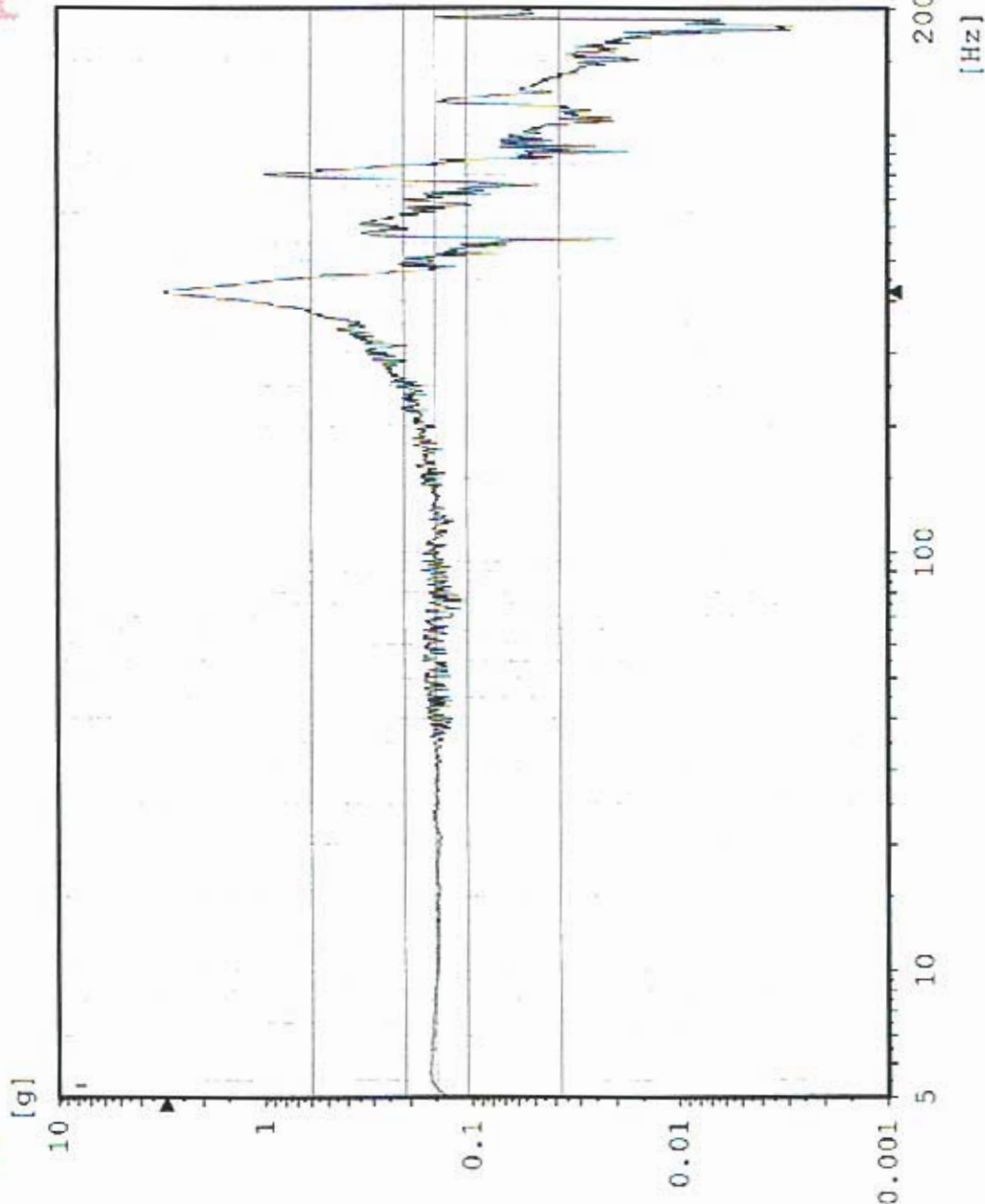
Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



PRELIMINARY DATA



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: 05-11-05
 Time: 16:18:59

Y - axis Post Random
 Acceptance Unit
 GLAT 1813

Sine AY1 TEM Center Edge

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



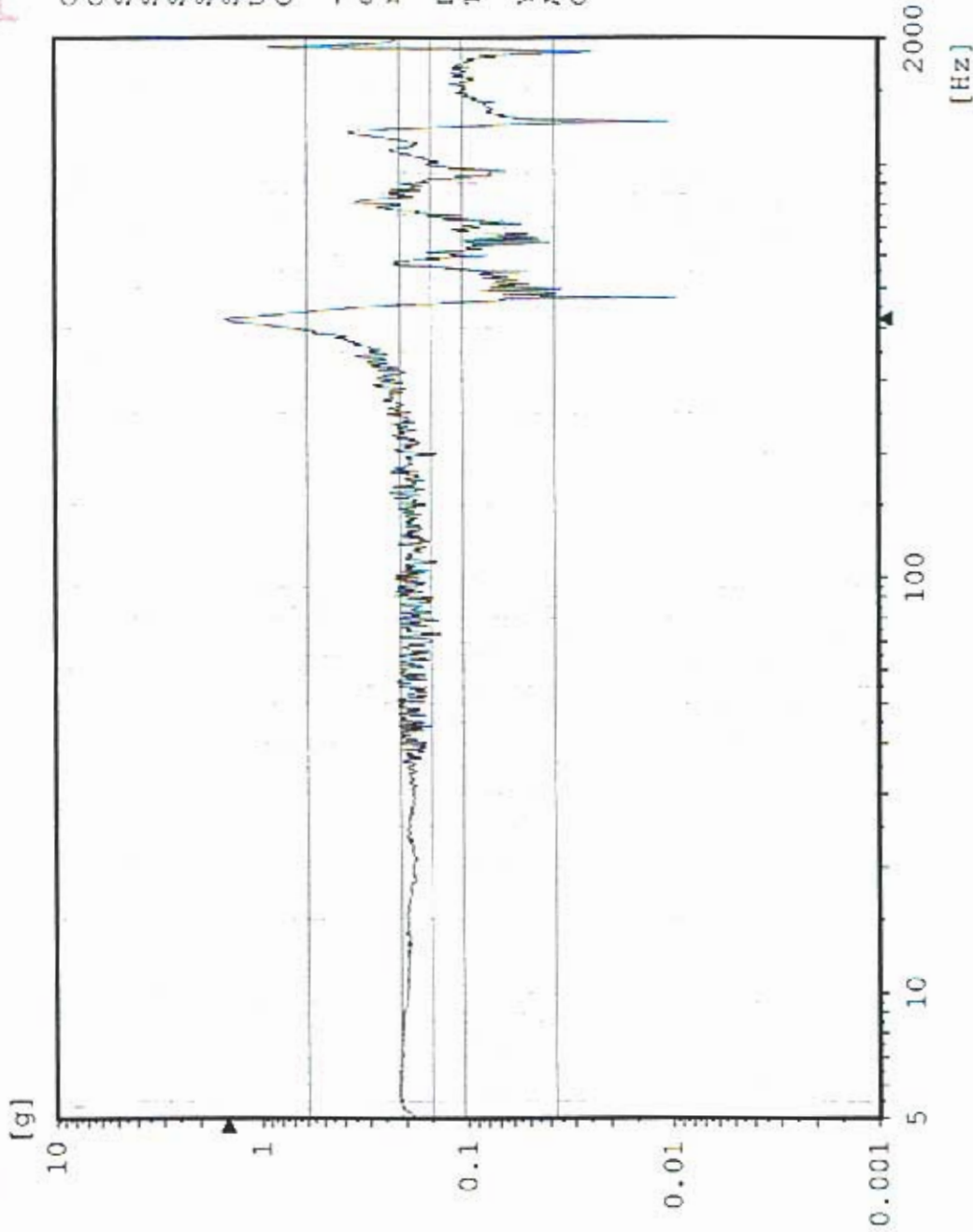
PRELIMINARY DATA

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: 05-11-05
 Time: 16:18:59

Y - axis Post Random
 Acceptance Unit
 GLAT 1813



AY2 TPS CG

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



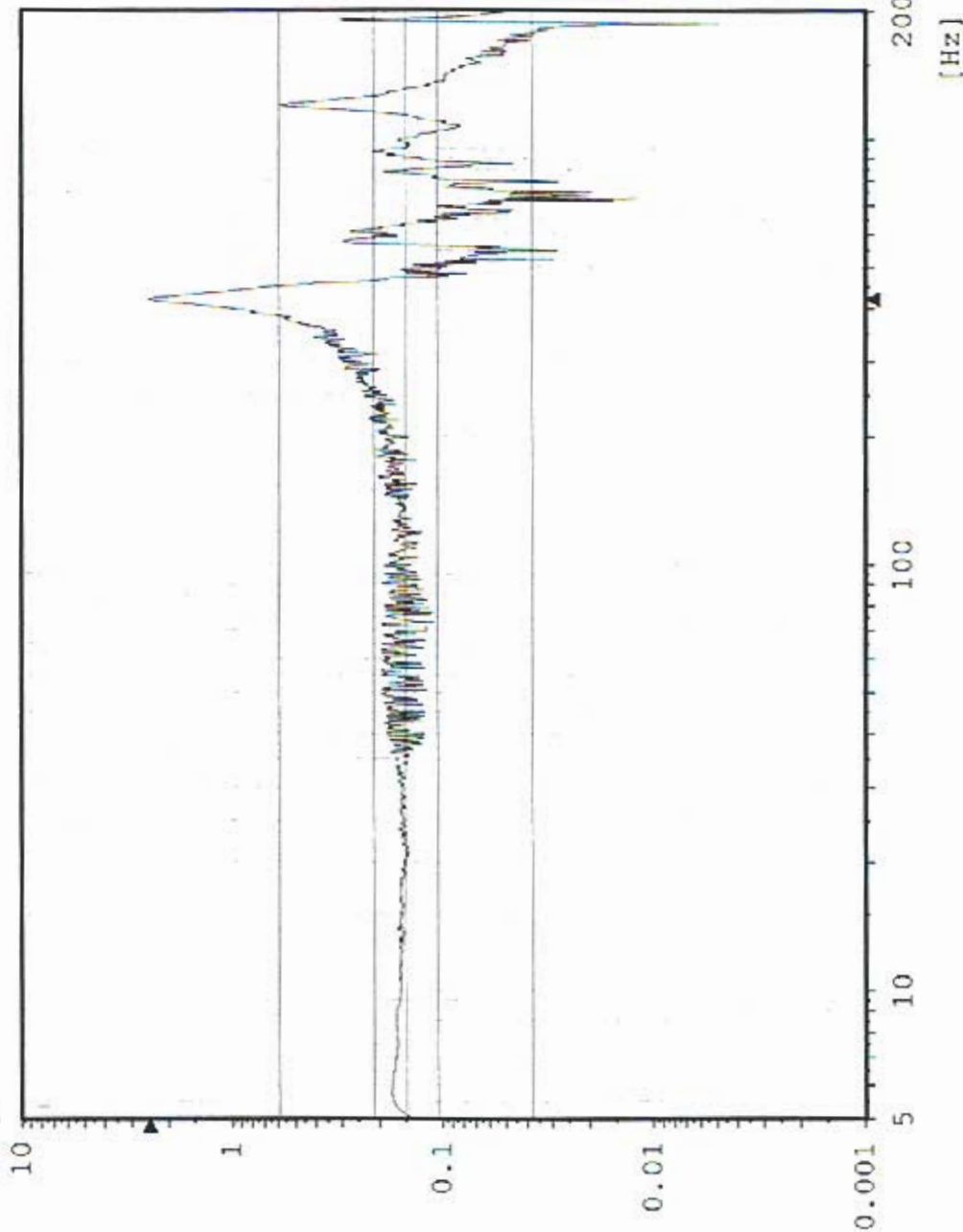
PRELIMINARY DATA

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: 05-11-95
Time: 16:18:59

Y - axis Post Random
Acceptance Unit
GLAT 1813



CZ1 Z-Axis Control

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



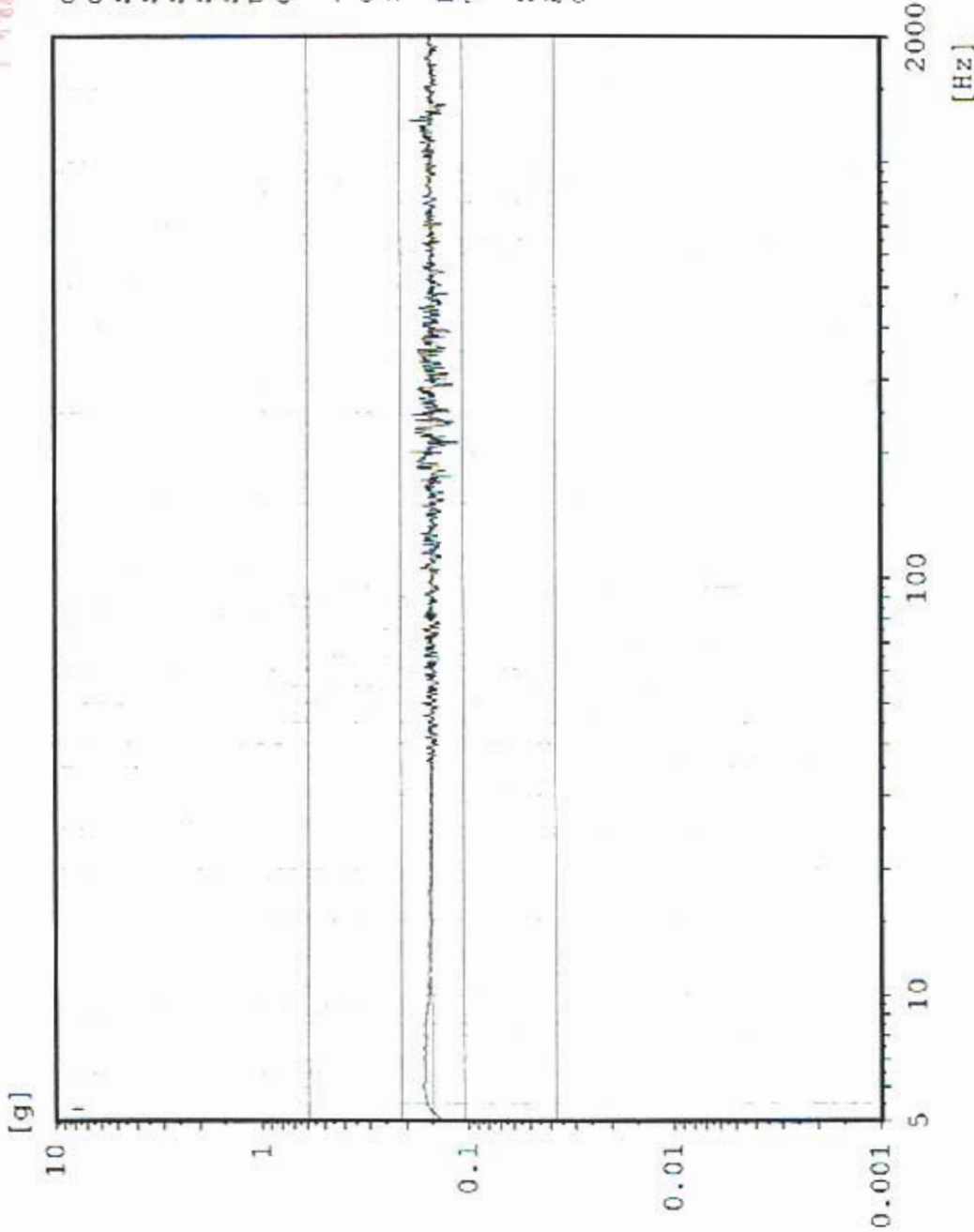
PRELIMINARY DATA

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: 05-12-05
Time: 14:26:40

Z - axis Pre Random
Acceptance Unit
GLAT 1813



Sine AZ4 TPS Boss 2

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



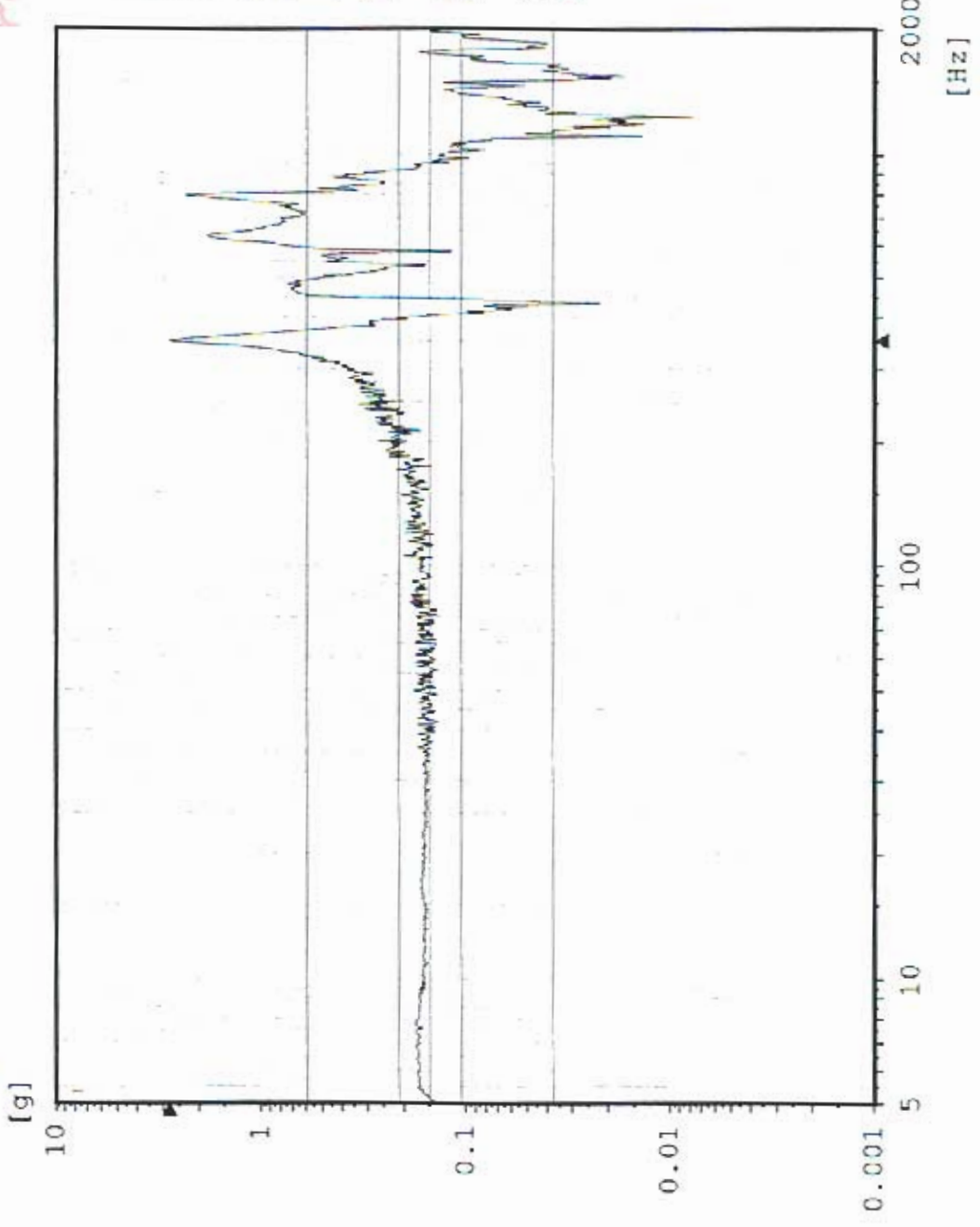
PRELIMINARY DATA

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: 05-12-05
Time: 14:26:40

Z - axis Pre Random
Acceptance Unit
GLAT 1813



AZ3 TPS Boss 1

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



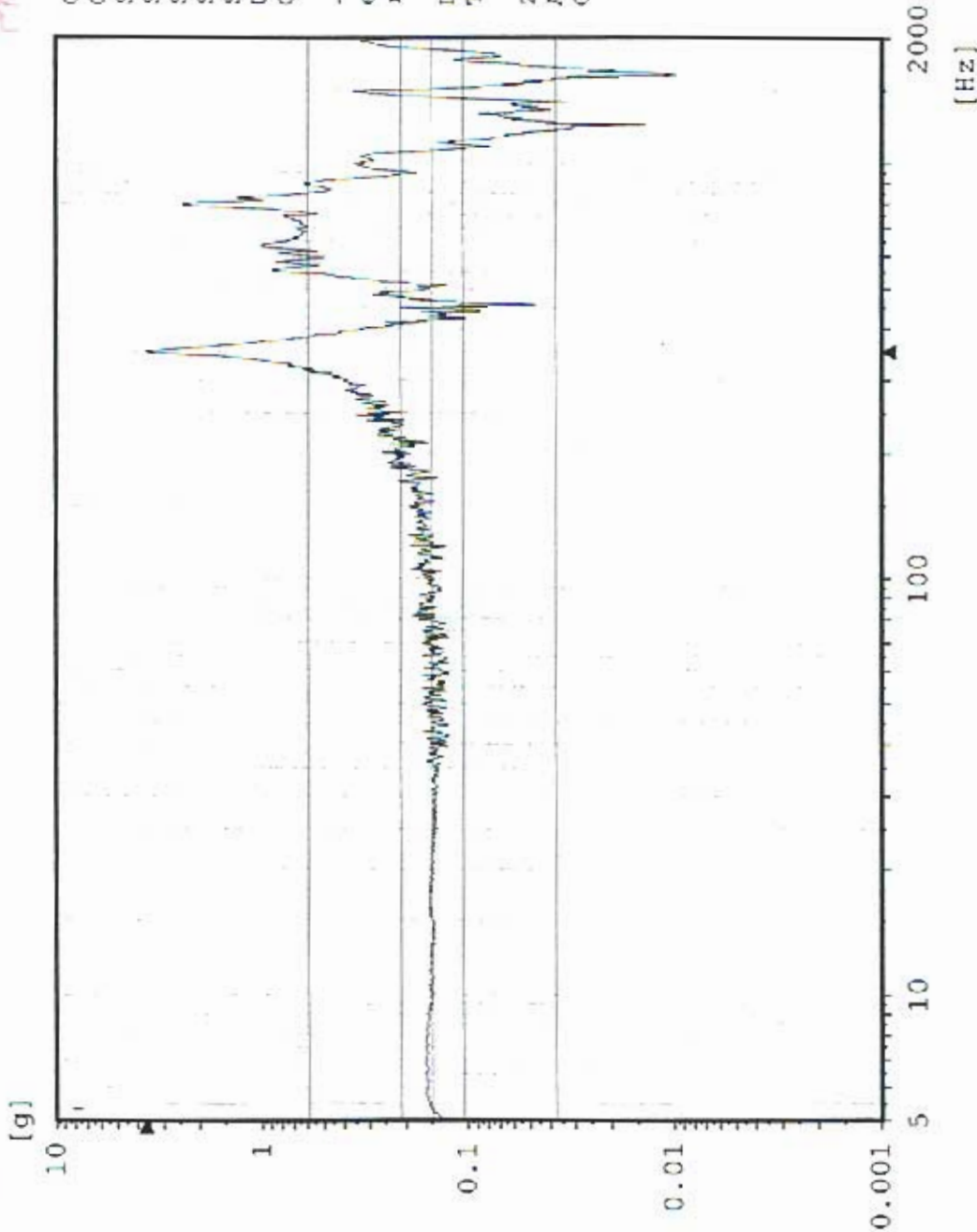
PRELIMINARY DATA

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: 05-12-05
Time: 14:26:40

Z - axis Pre Random
Acceptance Unit
GLAT 1813



AZ5 TEM Bottom Edge

Sine
Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



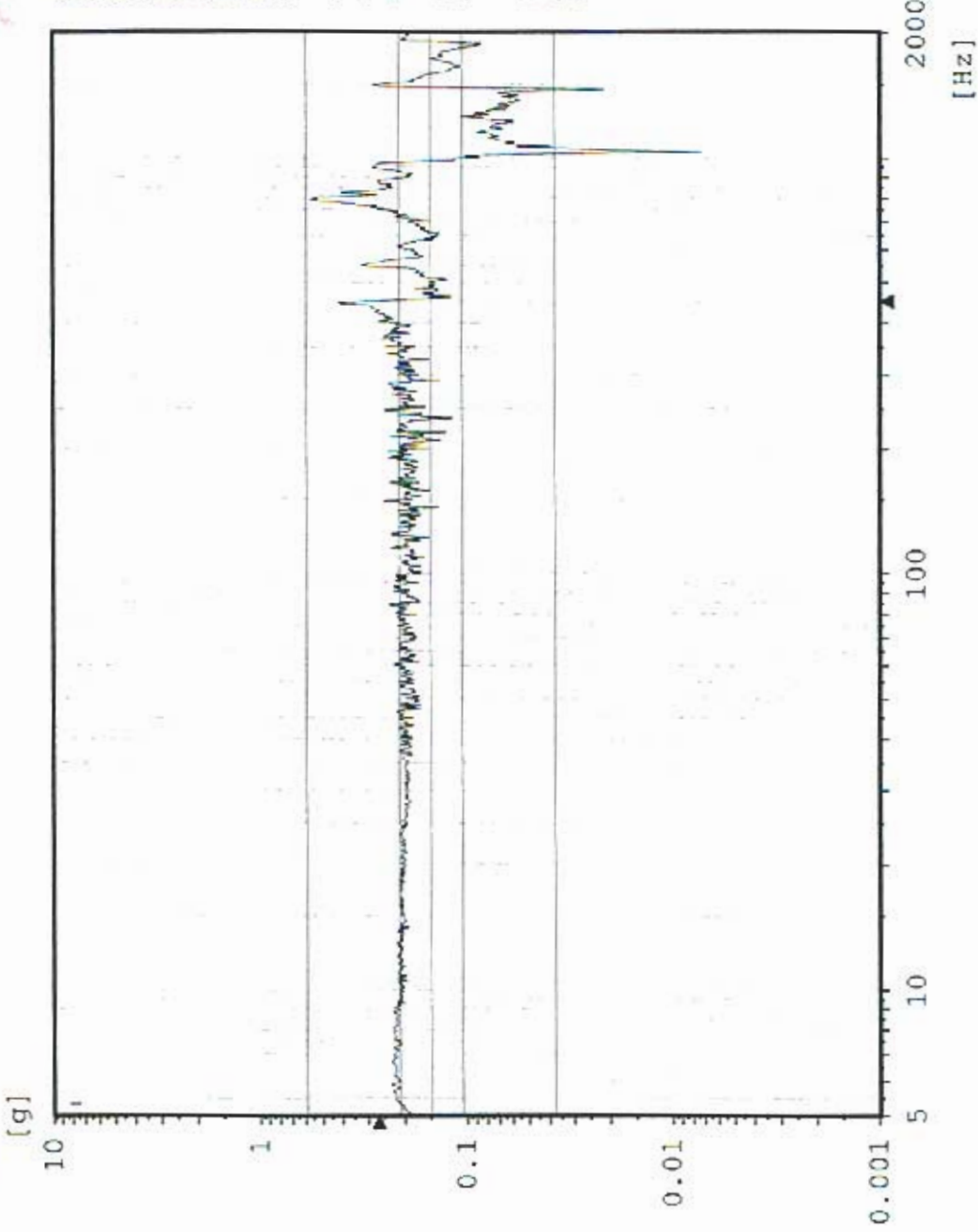
PRELIMINARY DATA

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: 05-12-05
 Time: 14:26:40

Z - axis Pre Random
 Acceptance Unit
 GLAT 1813



Sine AZ1 TPS Edge Center

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



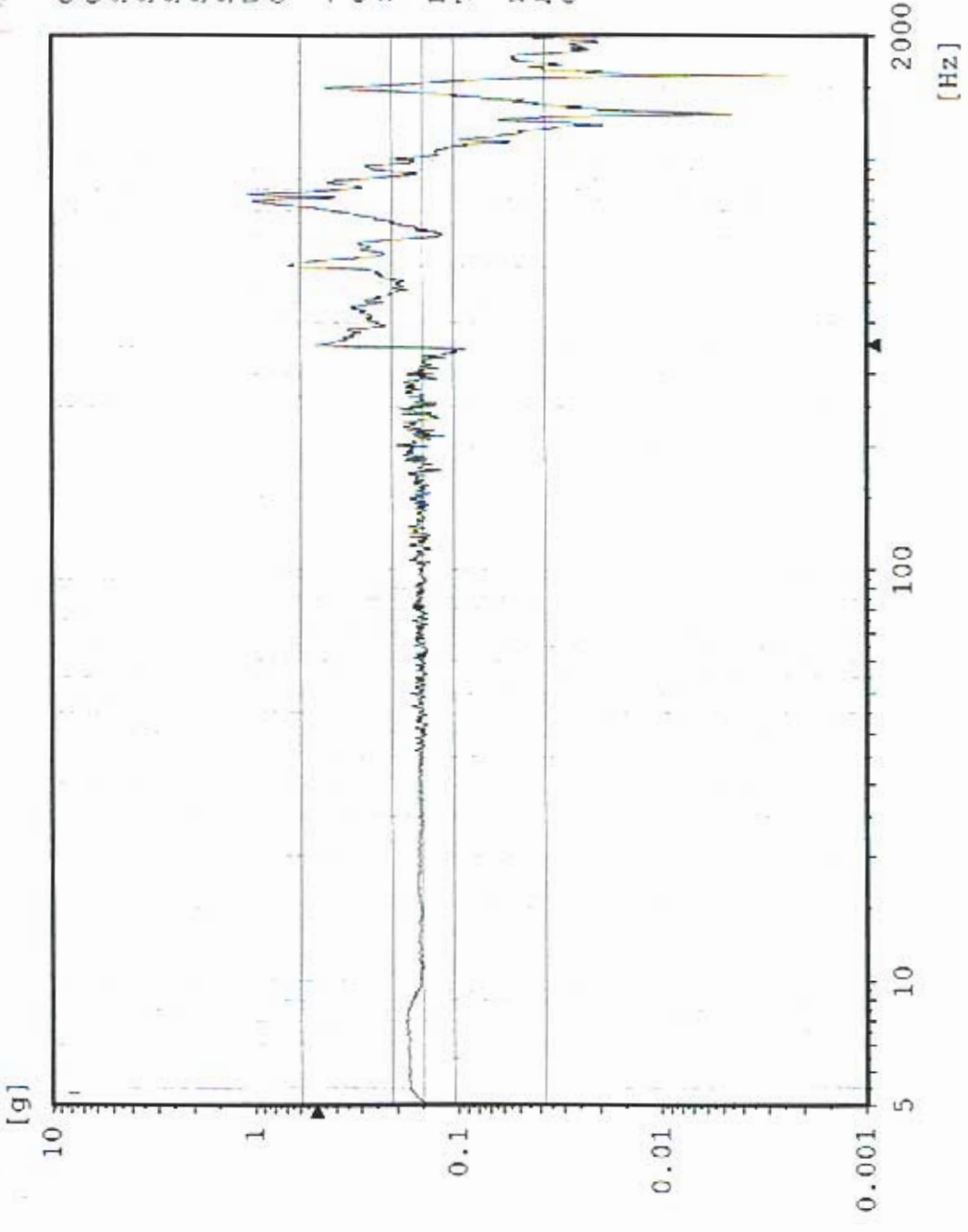
PRELIMINARY DATA

Chan.no: 6
 Chan.type: X 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: 05-12-05
 Time: 14:26:40

Z - axis Pre Random
 Acceptance Unit
 GLAT 1813



Sine AZ6 TEM Bottom Center

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



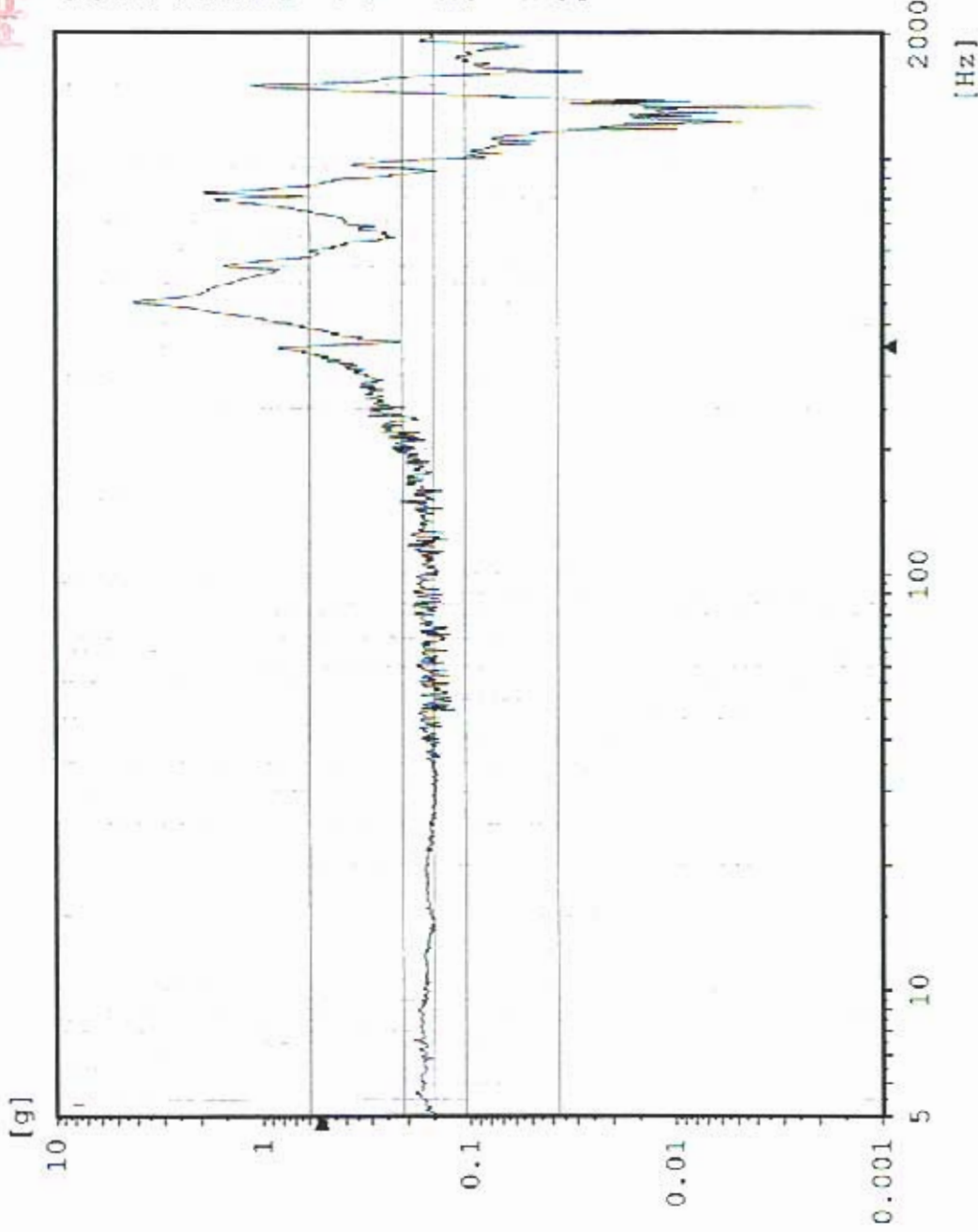
PRELIMINARY DATA

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: 05-12-05
 Time: 14:26:40

Z - axis Pre Random
 Acceptance Unit
 GLAT 1813



Sine AZ2 TPS Corner

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



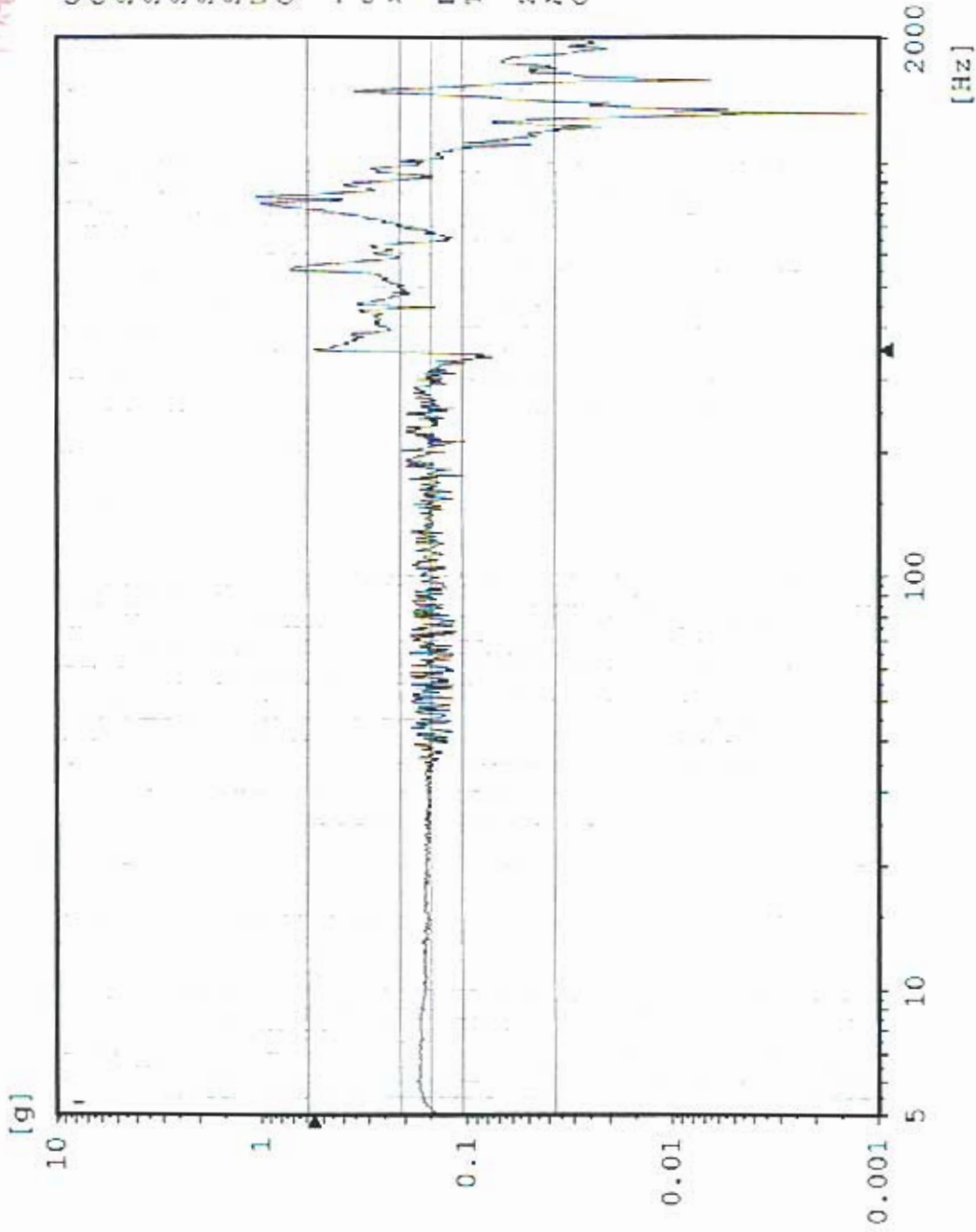
PRELIMINARY DATA

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: 05-12-05
Time: 14:26:40

Z - axis Pre Random
Acceptance Unit
GLAT 1813



CZ1 Z-Axis Control

Random
Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

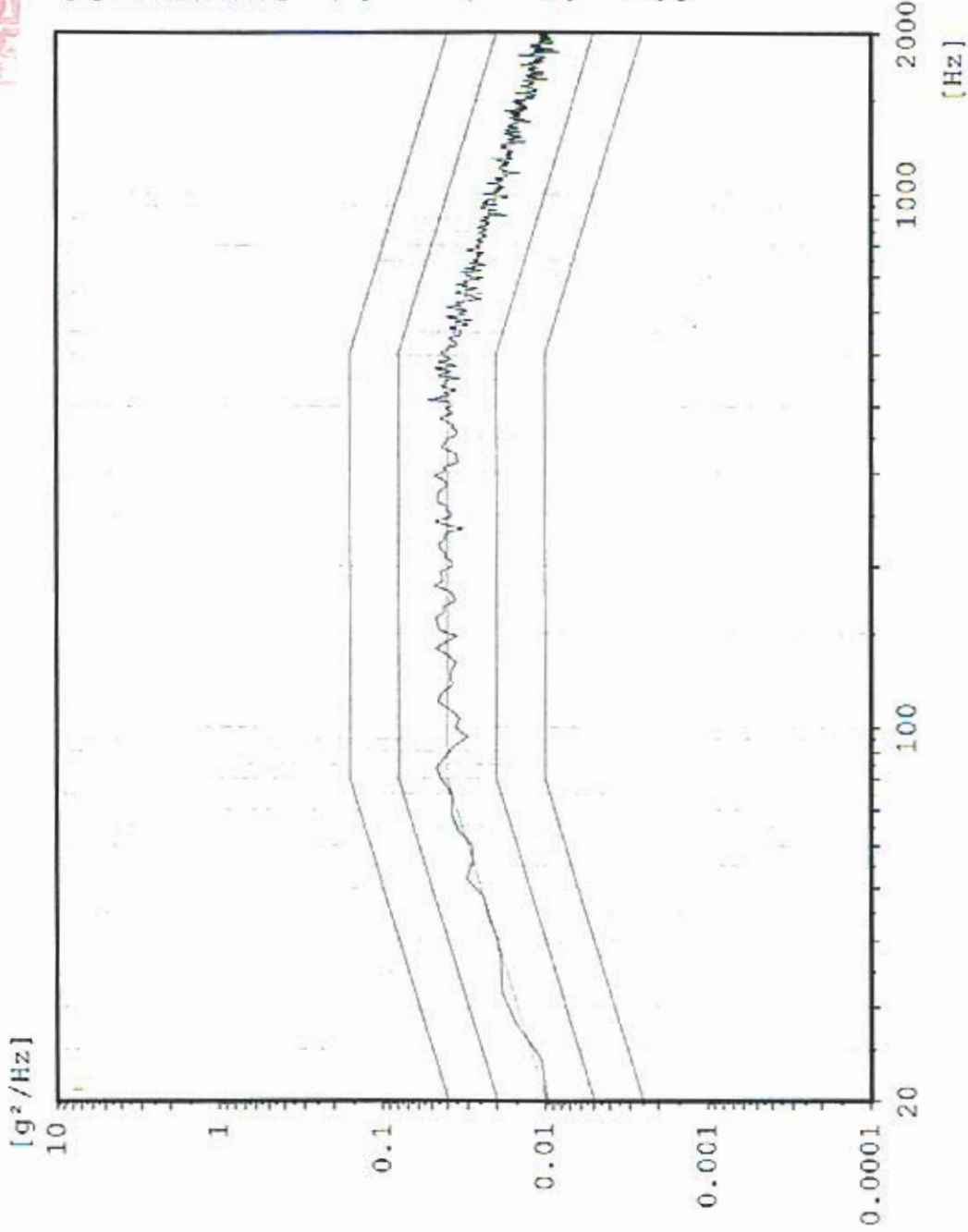
Chan.no: 1
Chan.type: C
DOF: 126
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 6.824 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-12-05
Time: 14:38:52

Z - Axis
Acceptance Unit
GLAT 1813



Cursor: 340 Hz 1.926 g²/Hz

Random AZ4 TPS Boss 2

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

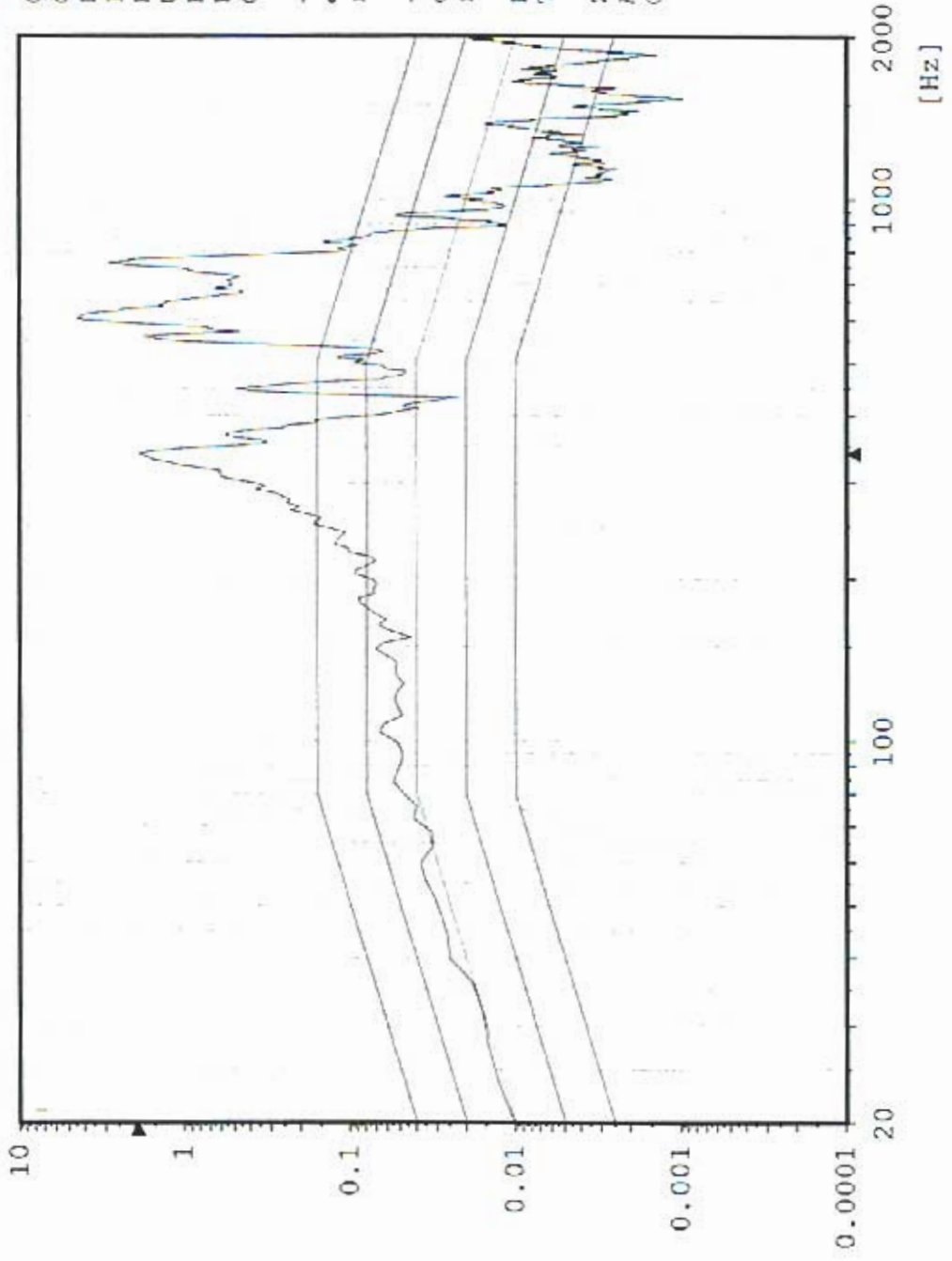
Chan.no: 2
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 22.01 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

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

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

Date: 05-12-05
 Time: 14:38:52

Z - Axis
 Acceptance Unit
 GLAT 1813



Max: 340 Hz 4.376 g²/Hz

Random AZ3 TPS Boss 1

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

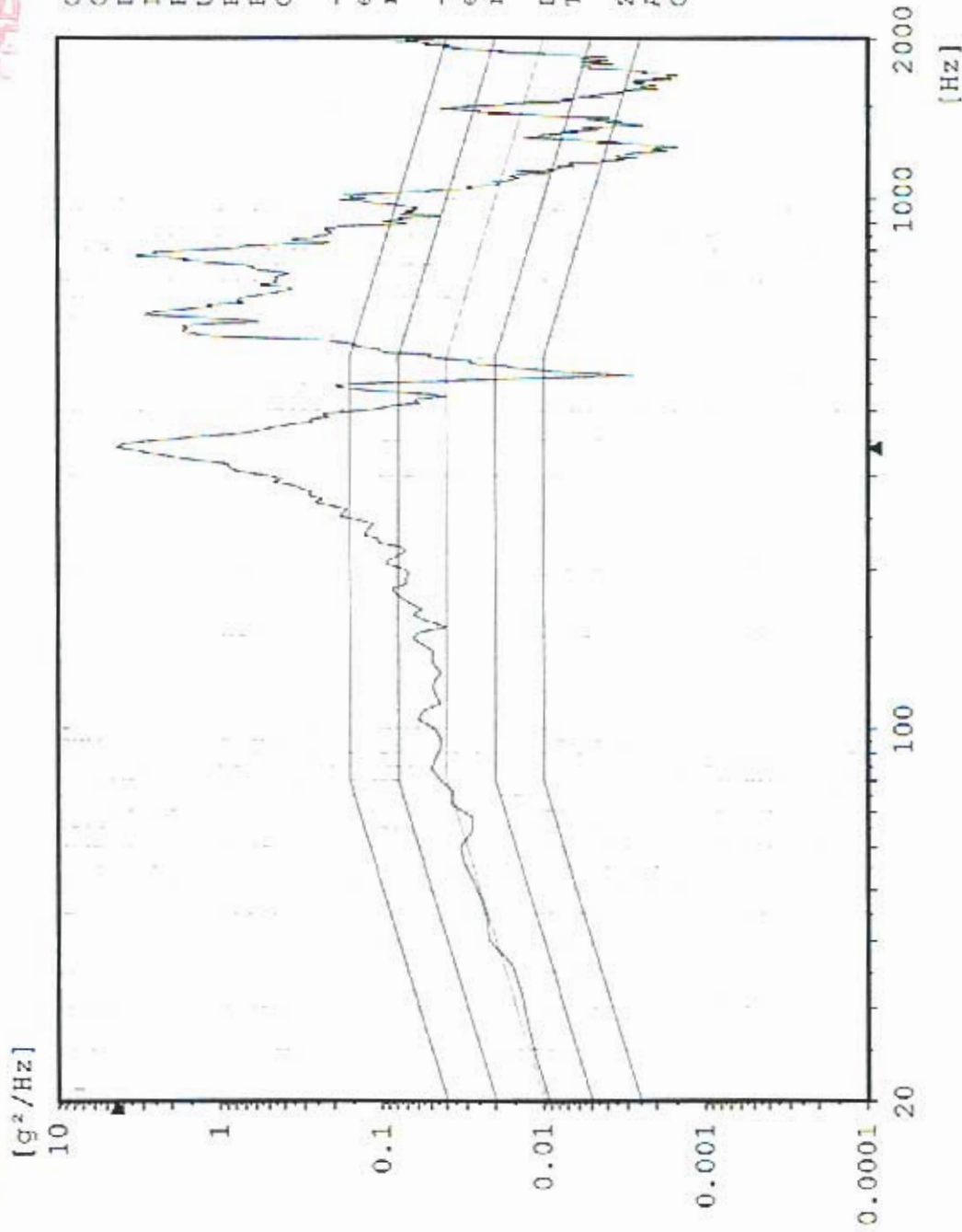
Chan.no: 3
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 23.03 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-12-05
Time: 14:38:52

Z - Axis
Acceptance Unit
GLAT 1813



Cursor: 356 Hz 0.1357 g²/Hz

Random AZ5 TEM Bottom Edge

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

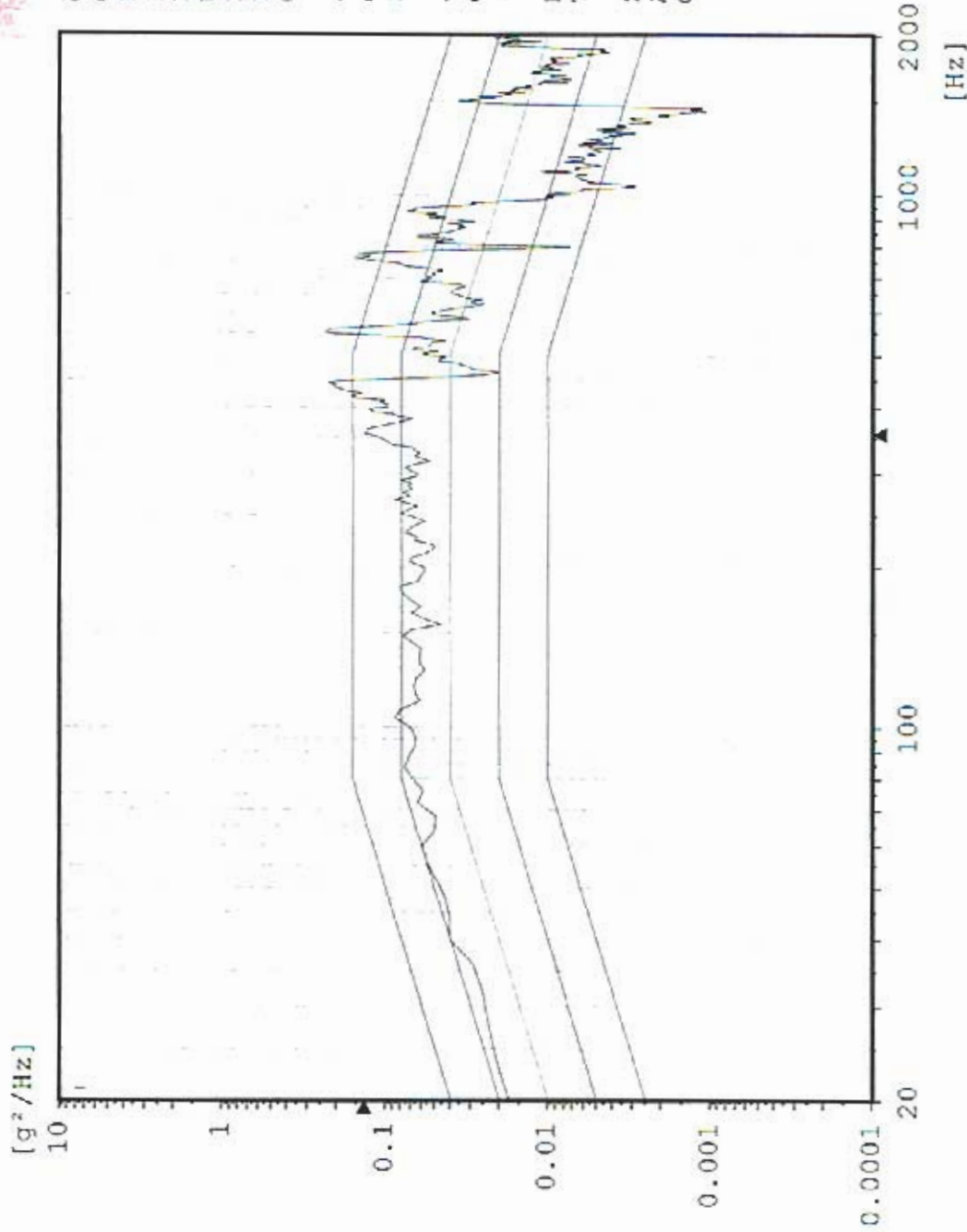
Chan.no: 5
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 8.588 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

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

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

Date: 05-12-05
 Time: 14:38:52

Z - Axis
 Acceptance Unit
 GLAT 1813



Cursor: 356 Hz 0.6528 g²/Hz

Random AZ1 TPS Edge Center

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

[g²/Hz]

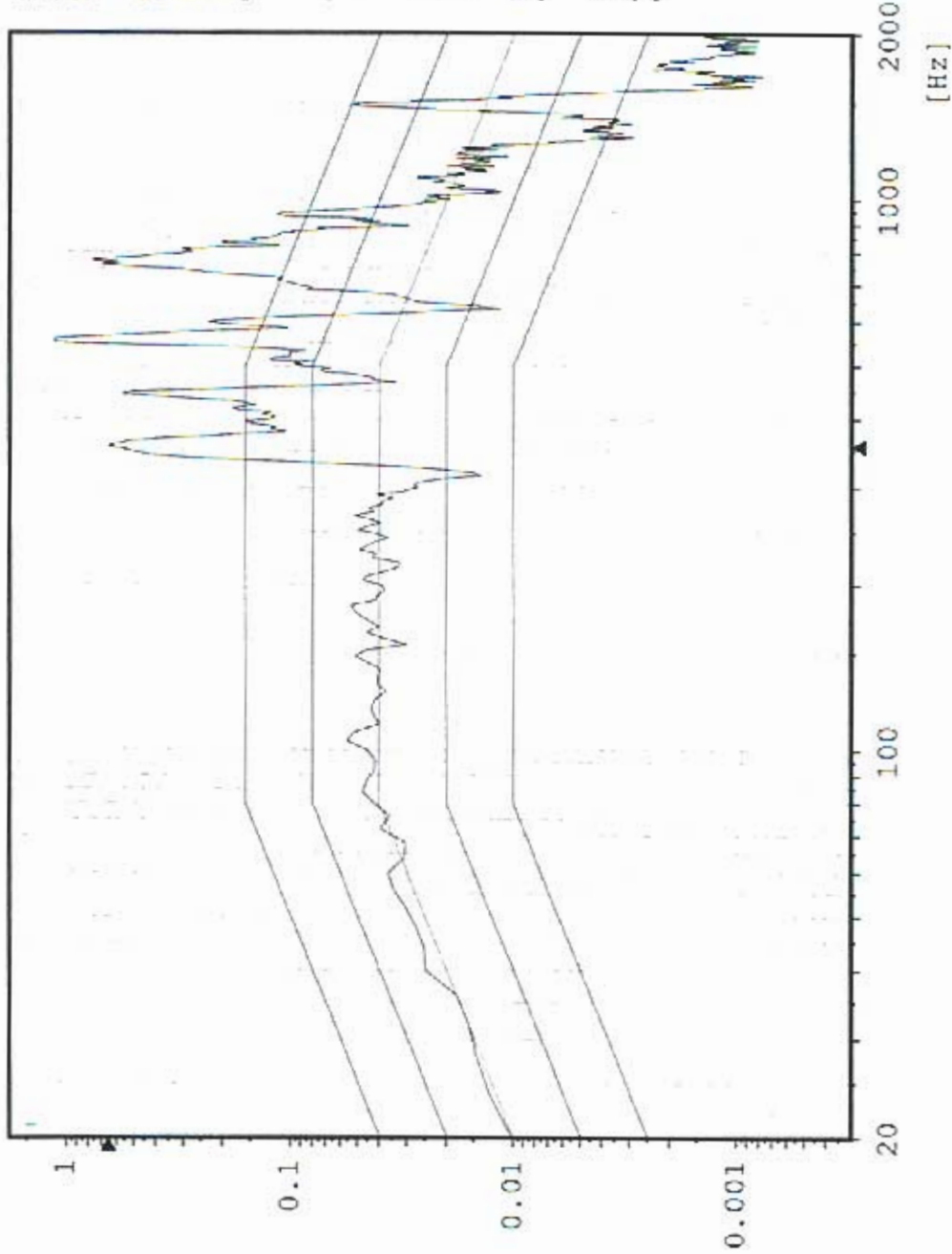
Chan.no: 6
Chan.type: M
DOF: 100
Level: 0.0 dB
Resolution: 4 Hz
Unit: g²/Hz
RMS (act.): 12.45 g
RMS (req.): 6.787 g
Contr.strat.: Closed loop

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

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

Date: 05-12-05
Time: 14:38:52

Z - Axis
Acceptance Unit
GLAT 1813



Max: 448 Hz 61.38 g²/Hz

Random AZ6 TEM Bottom Center

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

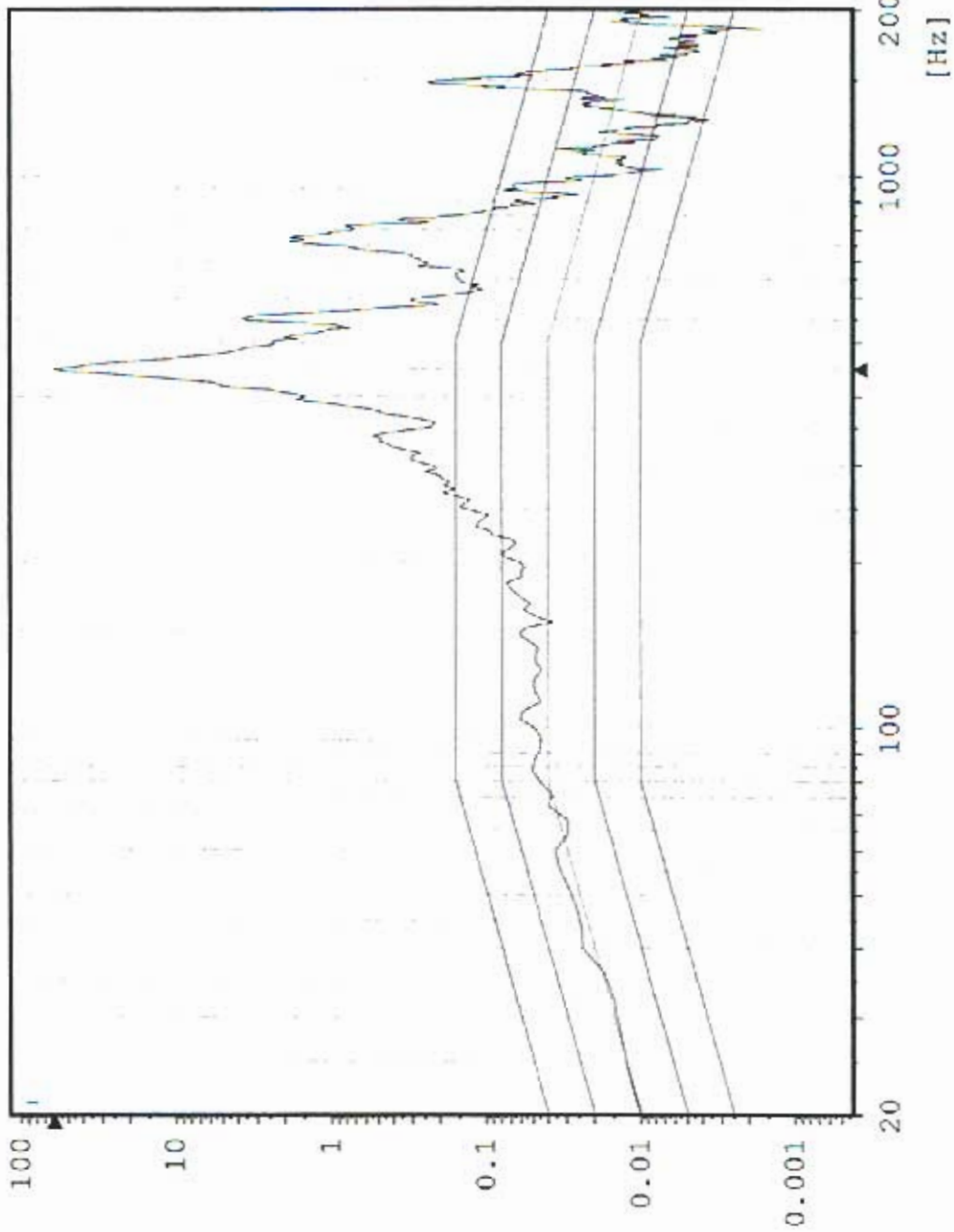
Chan.no: 8
 Chan.type: M
 DOF: 100
 Level: 0.0 dB
 Resolution: 4 Hz
 Unit: g²/Hz
 RMS (act.): 43.47 g
 RMS (req.): 6.787 g
 Contr.strat.: Closed loop

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

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

Date: 05-12-05
 Time: 14:38:52

Z - Axis
 Acceptance Unit
 GLAT 1813



Cursor: 356 Hz 0.7561 g²/Hz

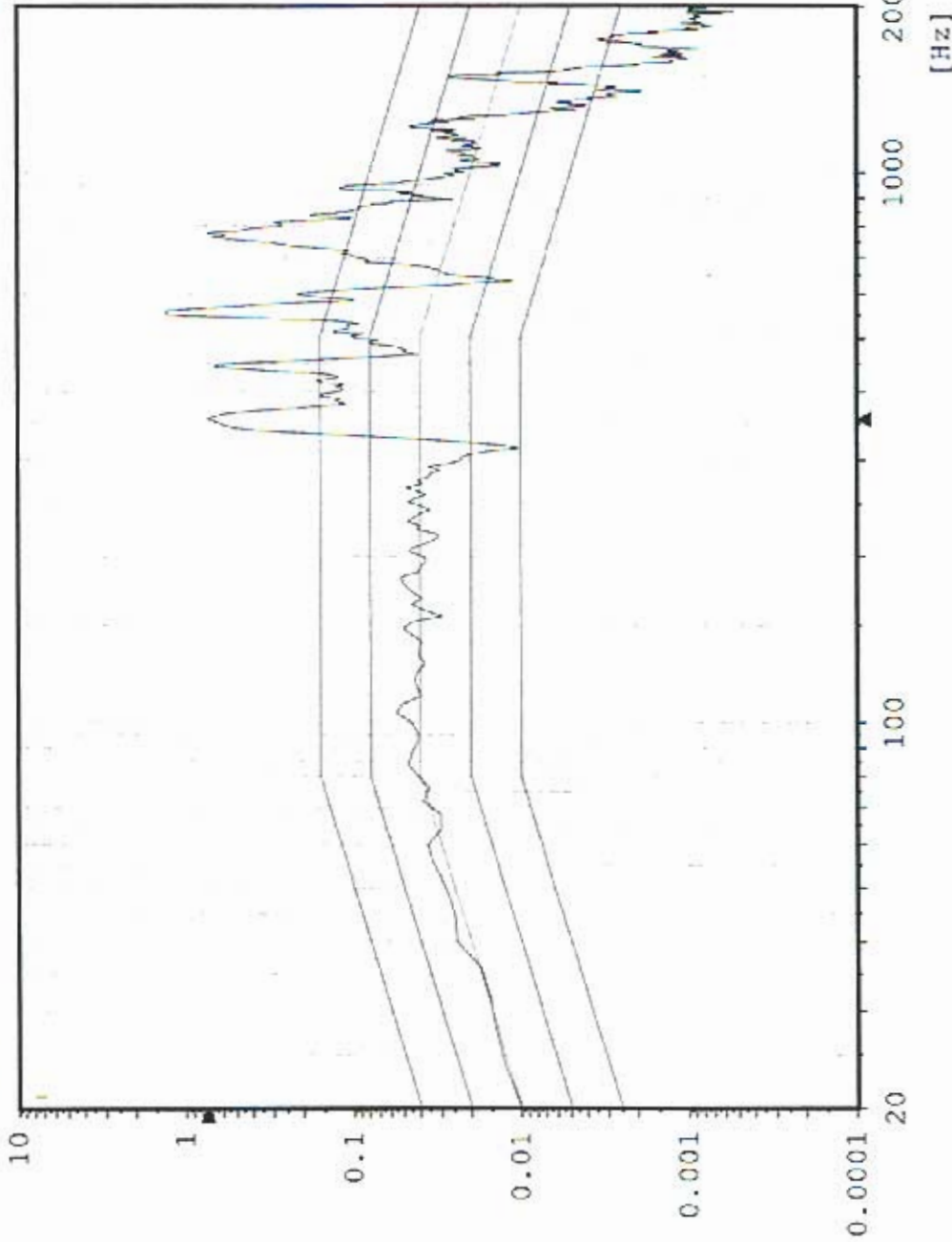
Random AZ2 TPS Corner

Stanford Linear Accelerator
J/N 49995.51972
TEM & TPS



PRELIMINARY DATA

[g²/Hz]



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

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

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

Date: 05-12-05
Time: 14:38:52

Z - Axis
Acceptance Unit
GLAT 1813

Sine CZ1 Z-Axis Control

Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



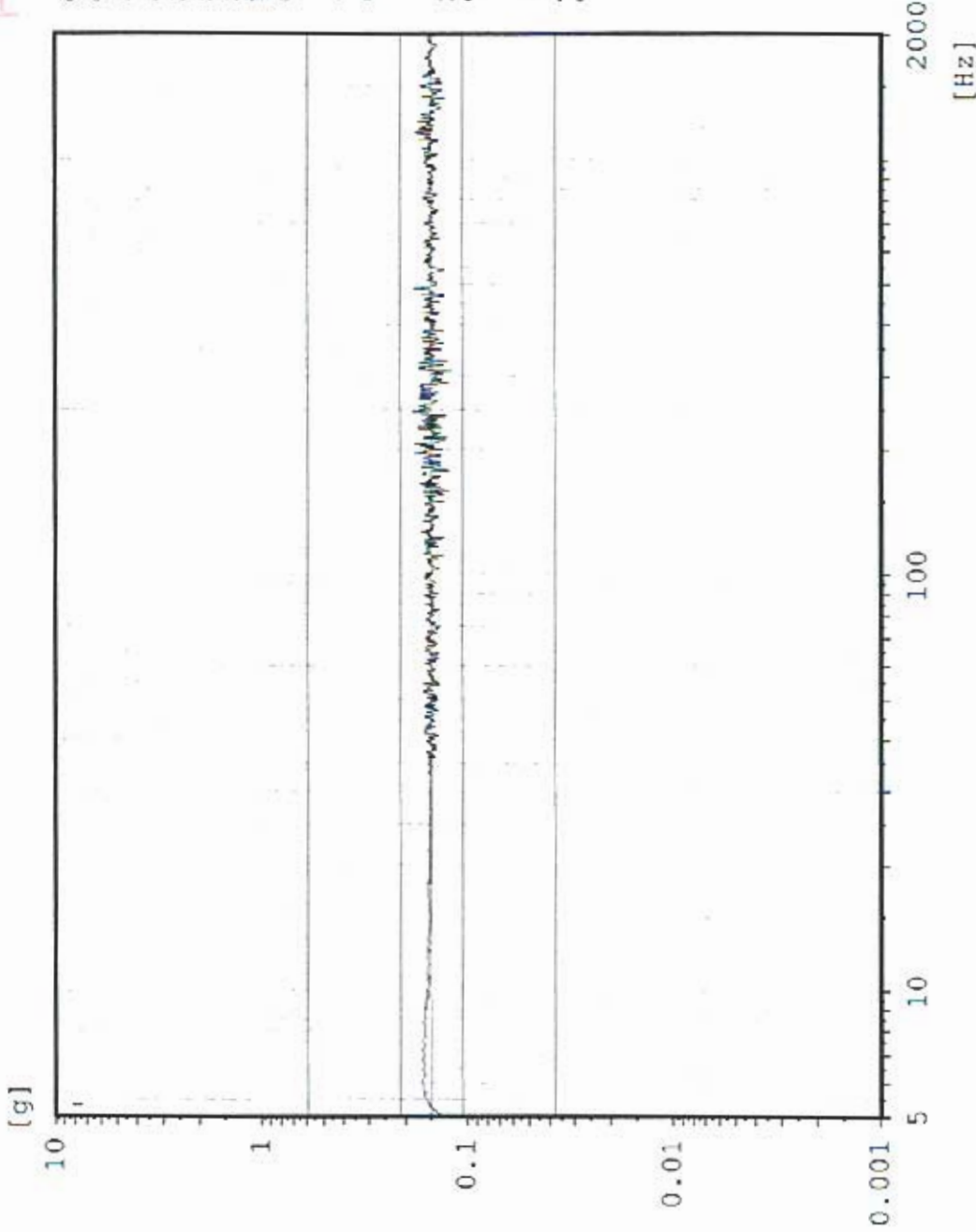
PRELIMINARY DATA

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: 05-12-05
Time: 14:51:27

Z - axis Post Random
Acceptance Unit
GLAT 1813



AZ4 TPS Boss 2

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



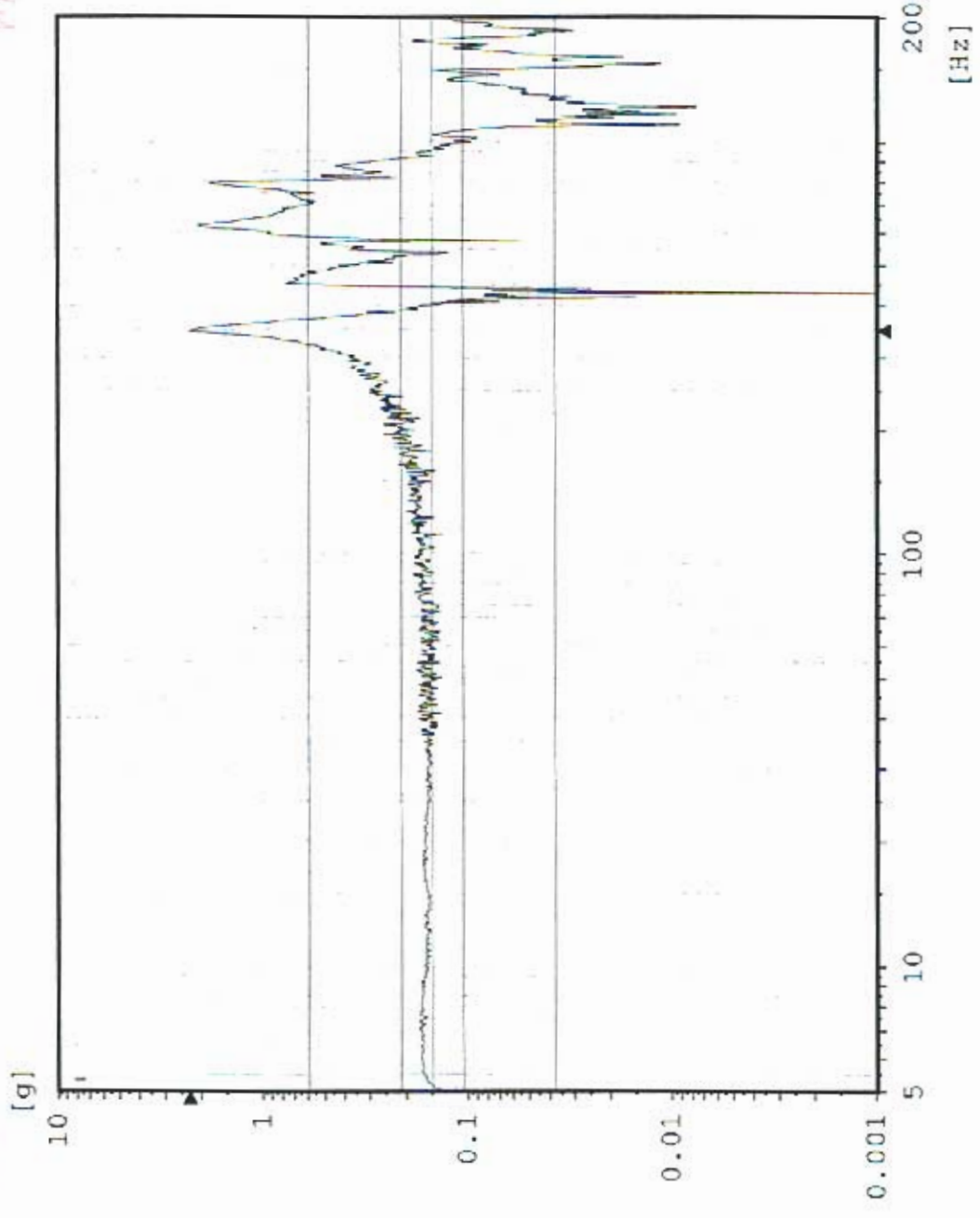
PRELIMINARY DATA

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: 05-12-05
Time: 14:51:27

Z - axis Post Random
Acceptance Unit
GLAT 1813



AZ3 TPS Boss 1

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



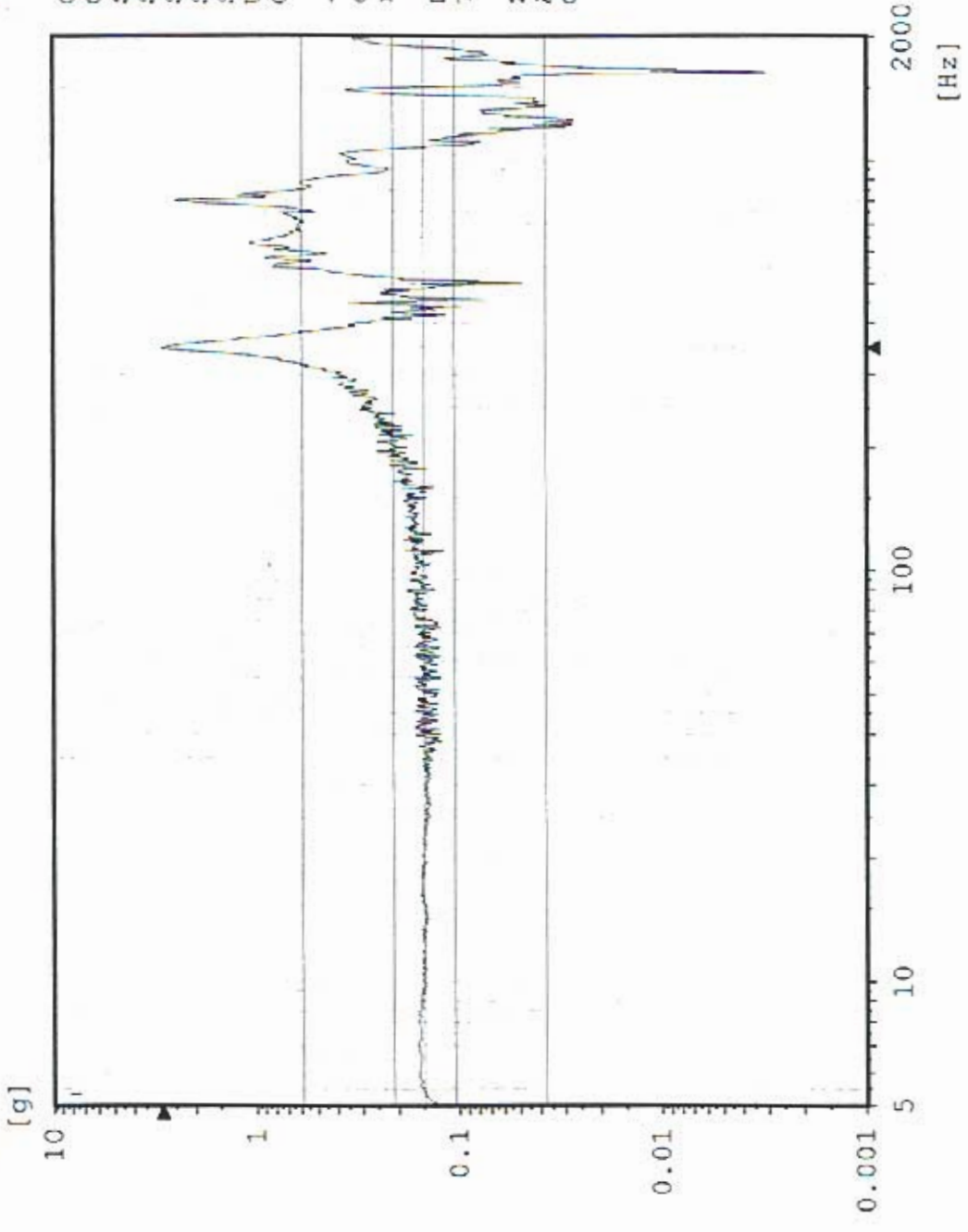
PRELIMINARY DATA

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: 05-12-05
Time: 14:51:27

Z - axis Post Random
Acceptance Unit
GLAT 1813



AZ5 TEM Bottom Edge

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



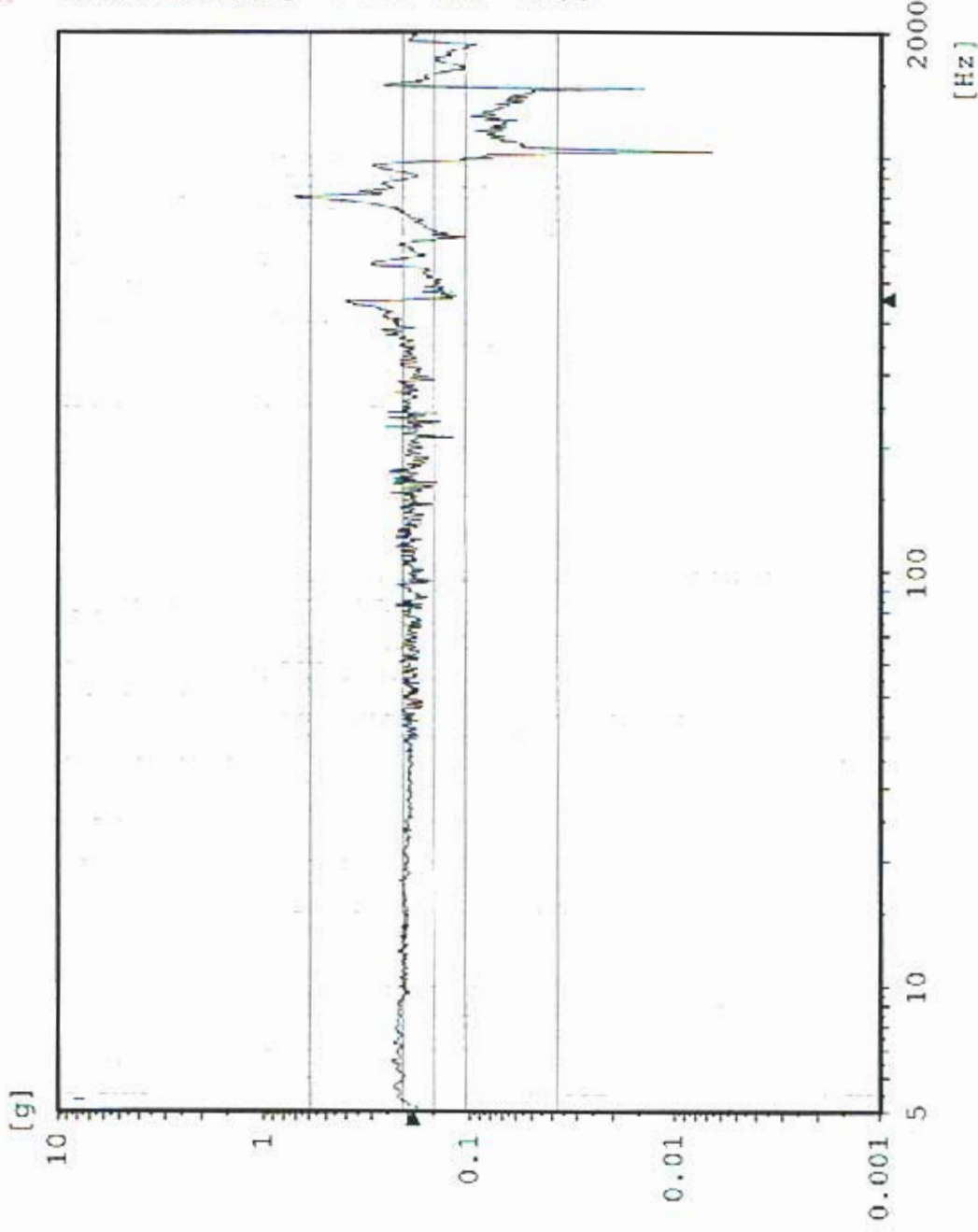
PRELIMINARY DATA

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: 05-12-05
Time: 14:51:27

Z - axis Post Random
Acceptance Unit
GLAT 1813



Sine AZ1 TPS Edge Center

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



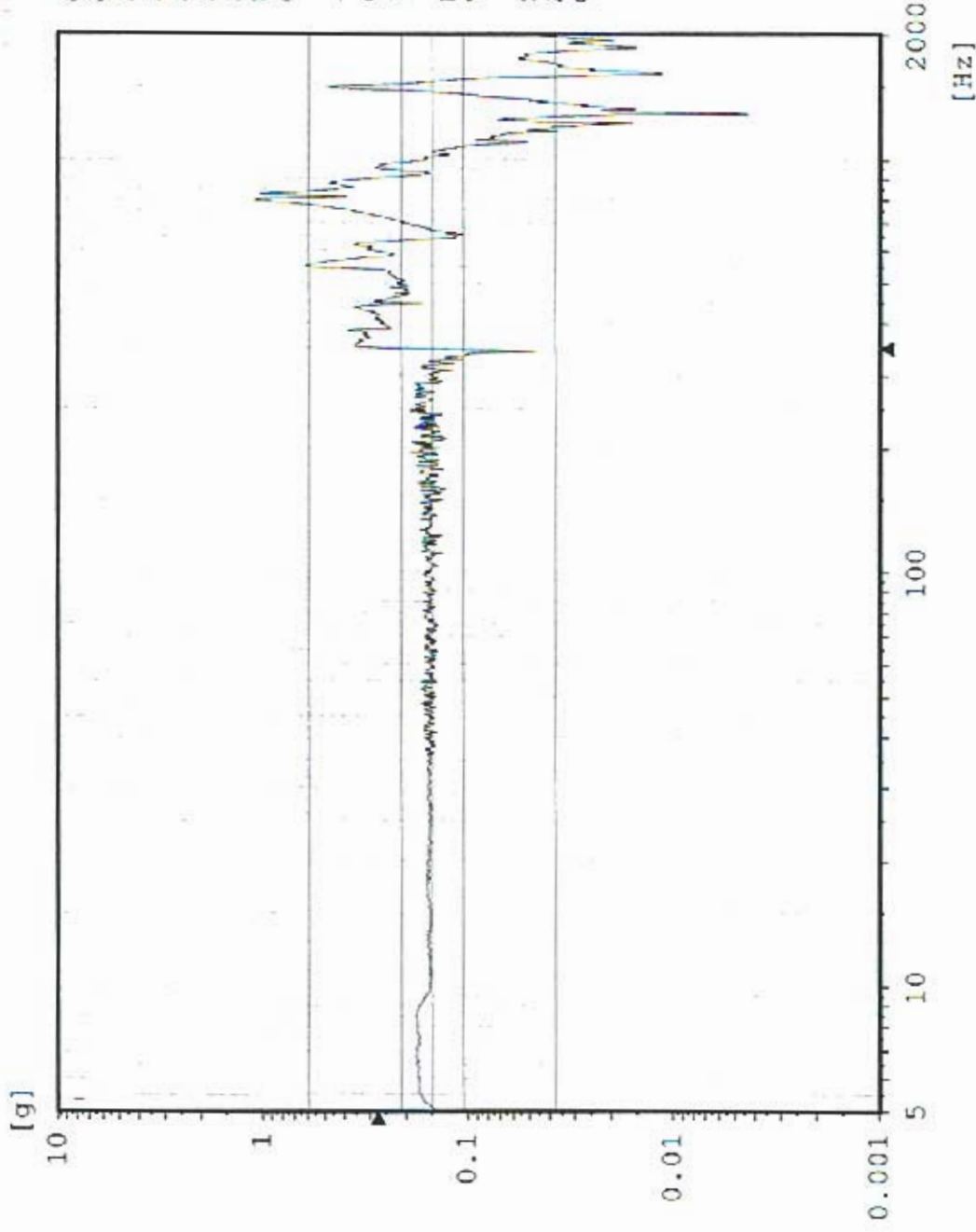
RELIMINARY DATA

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: 05-12-05
 Time: 14:51:27

Z - axis Post Random
 Acceptance Unit
 GLAT 1813



Sine AZ6 TEM Bottom Center

Stanford Linear Accelerator

J/N 49995.51972

TEM / TPS



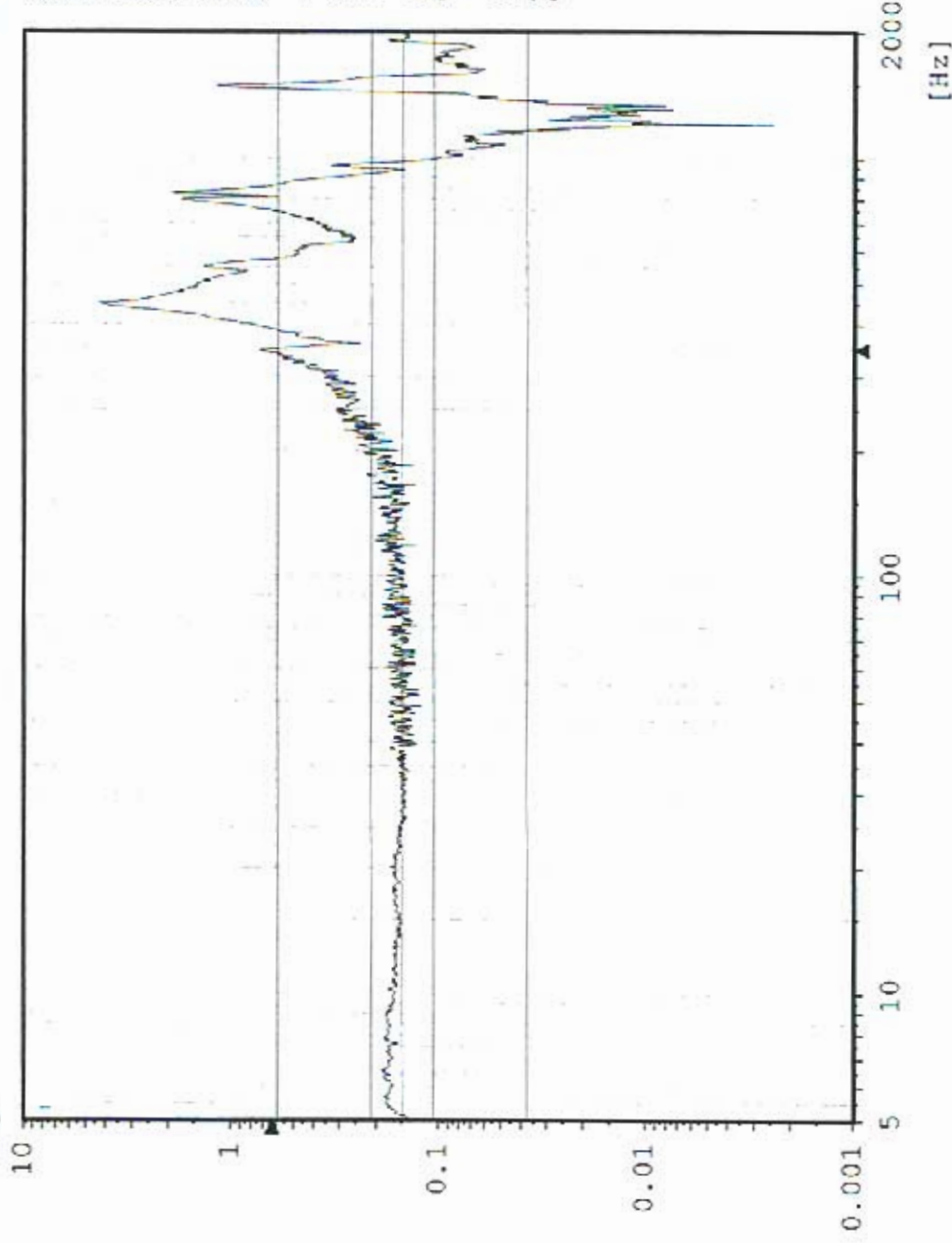
PRELIMINARY DATA

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: 00:04:18
 remaining: 00:00:00

Date: 05-12-05
 Time: 14:51:27

Z - axis Post Random
 Acceptance Unit
 GLAT 1813

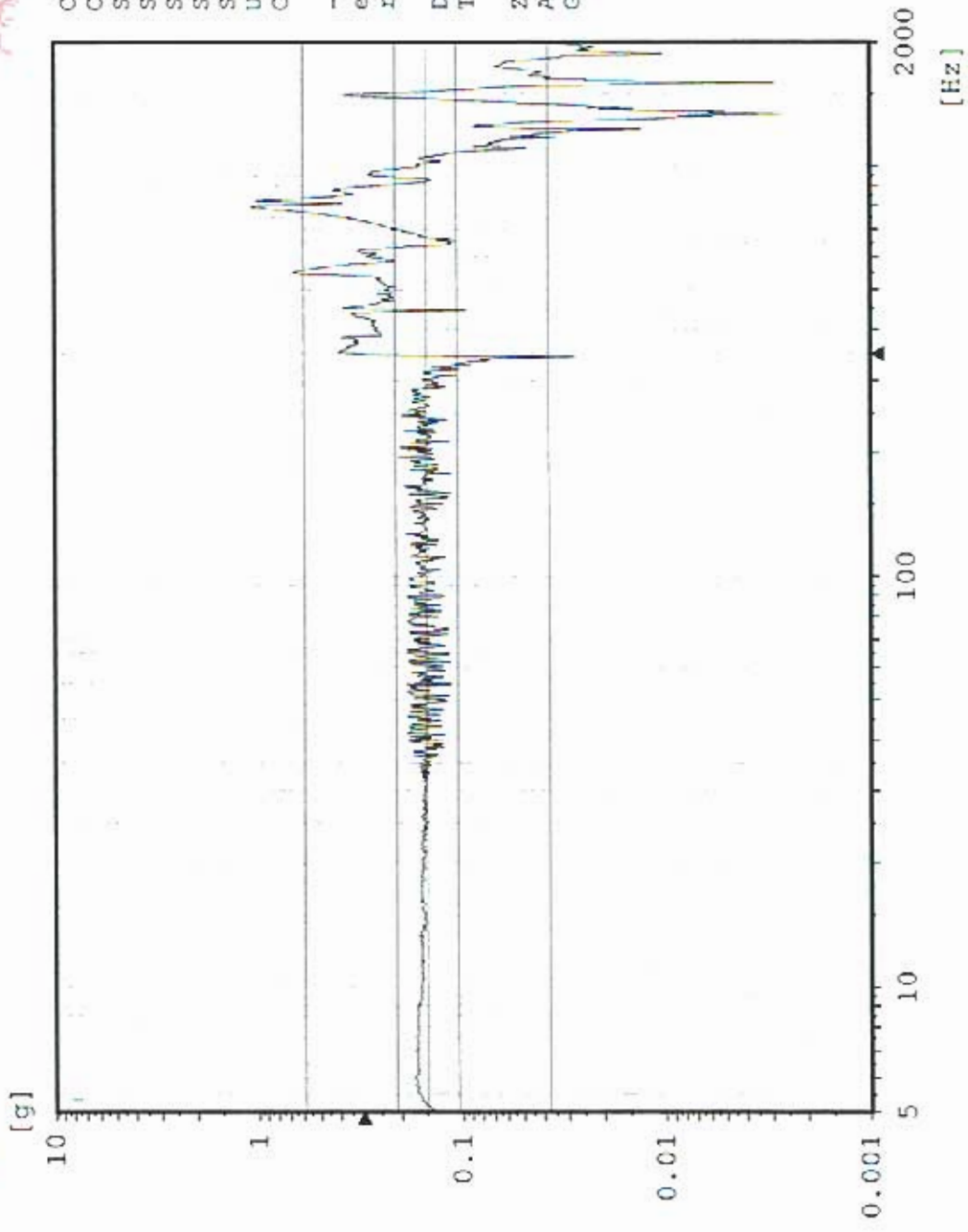


AZ2 TPS Corner

Sine
Stanford Linear Accelerator
J/N 49995.51972
TEM / TPS



PRELIMINARY DATA



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: 05-12-05
 Time: 14:51:27

Z - axis Post Random
 Acceptance Unit
 GLAT 1813