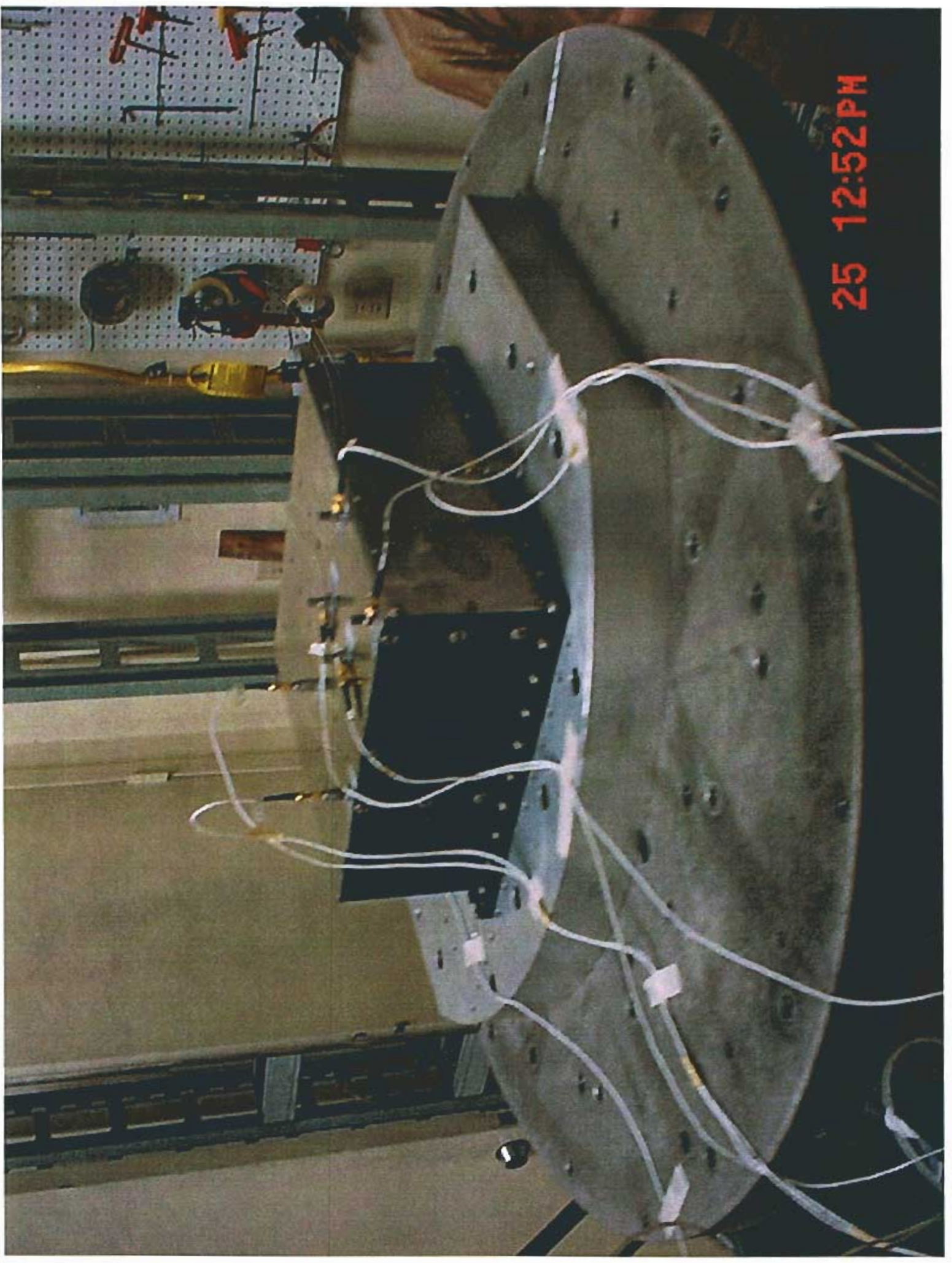


Appendix D – Test Data Package Checklist

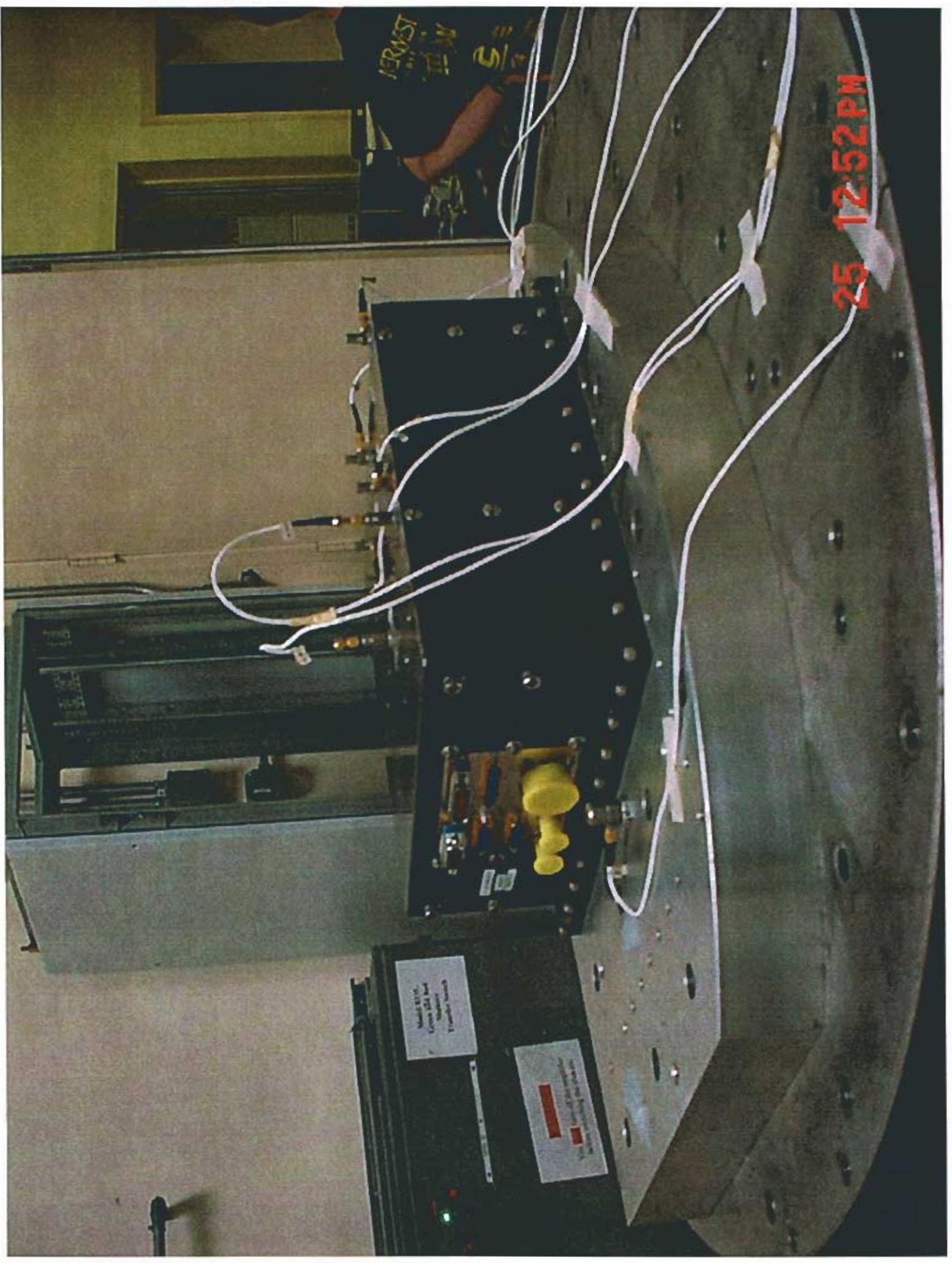


GLAST LAT SIU/EPU VIBRATION TESTING
QUAL/Acceptance TEST DATA PACKAGE CHECKLIST

Item	✓	Description
1	✓	VIBRATION TEST PLOTS
2	✓	ELECTRONIC DATA FILES
3	✓	PHOTOGRAPHS OF TEST SETUP



25 12:52 PM

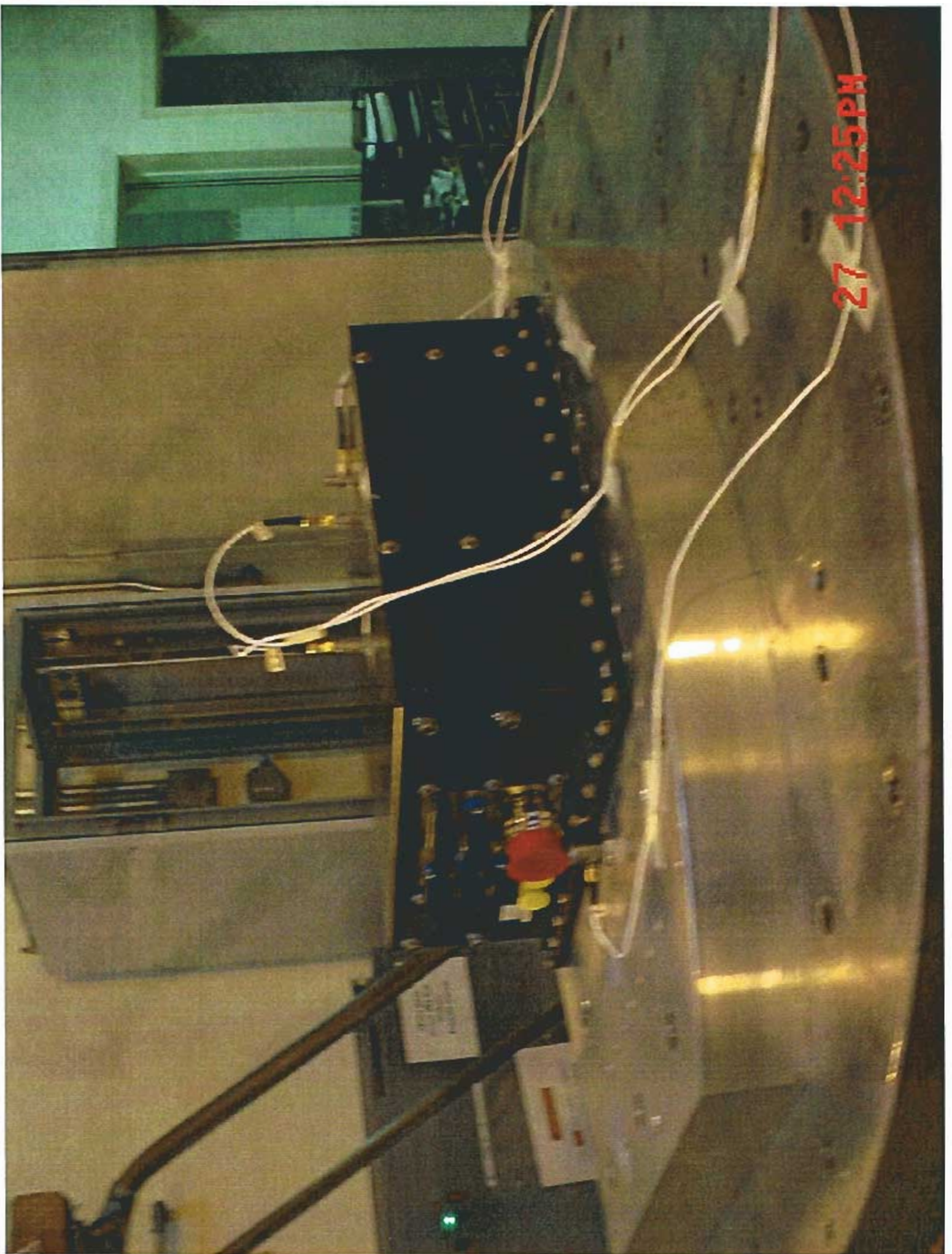


25 12:52 PM

Model 8137A
Current 200 mA
Supply Voltage
Transformer 1000V

For use with the Model 8137A
Current Transformer
Transformer 1000V

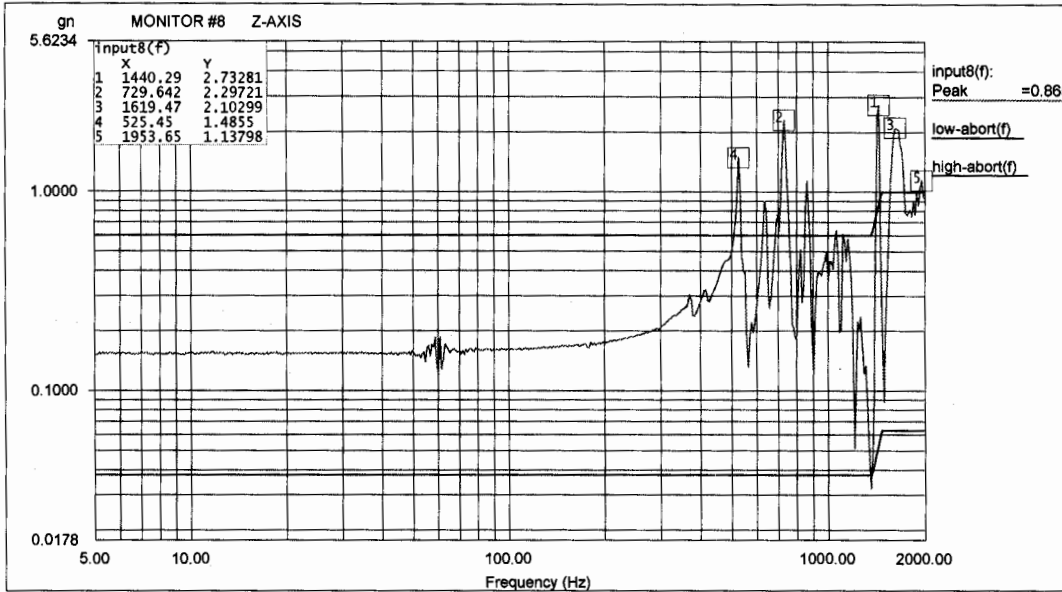
27 12:25 PM



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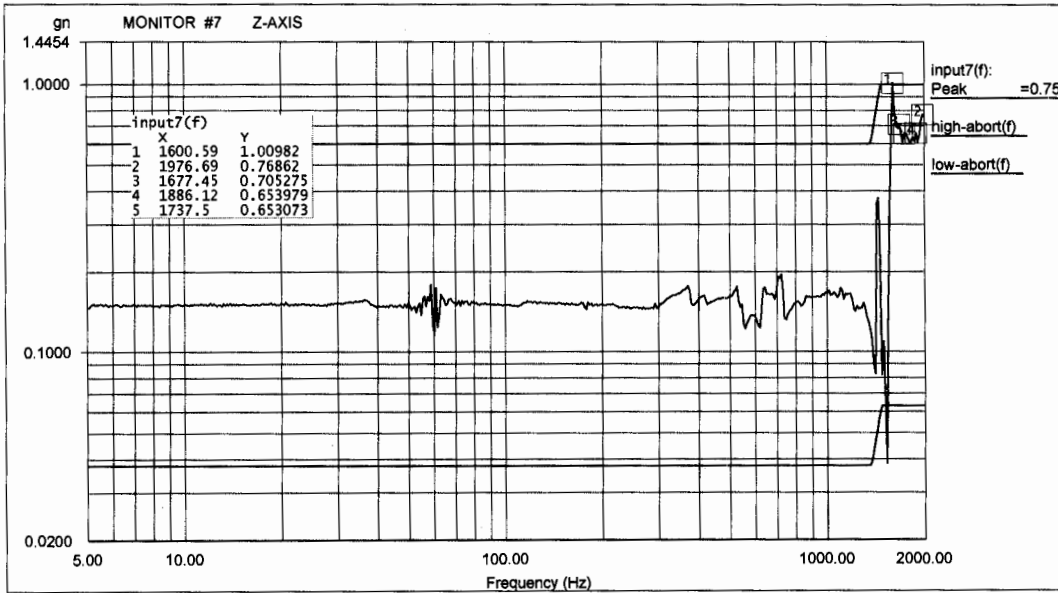
QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
SLAC
Project File Name: 5-2000hZ 0.15g.prj
Profile Name: Test Type: Swept Sine Run Folder: .RunDefault Feb 27,2006 09-52-14



Level: 100 % Control Peak: 0.286373 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 09:59:00 AM, Monday, February 27, 2006 Report created at 09:59:02 AM, Monday, February 27, 2006

QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
SLAC
Project File Name: 5-2000hZ 0.15g.prj
Profile Name: Test Type: Swept Sine Run Folder: .RunDefault Feb 27,2006 09-52-14



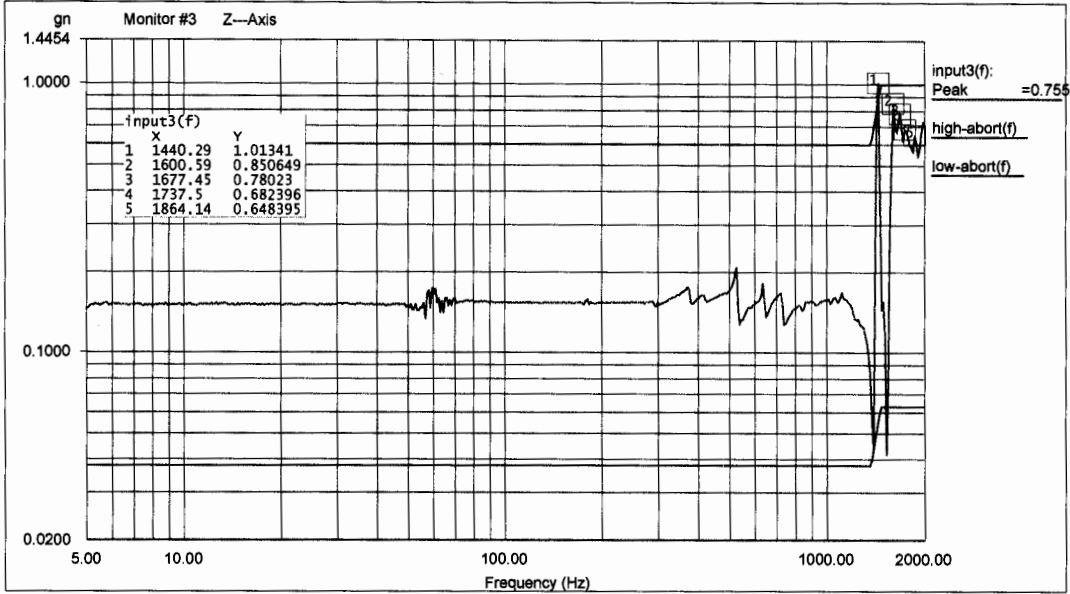
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Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 09:59:00 AM, Monday, February 27, 2006 Report created at 09:59:02 AM, Monday, February 27, 2006

PRE-SINE 1
02-27-06

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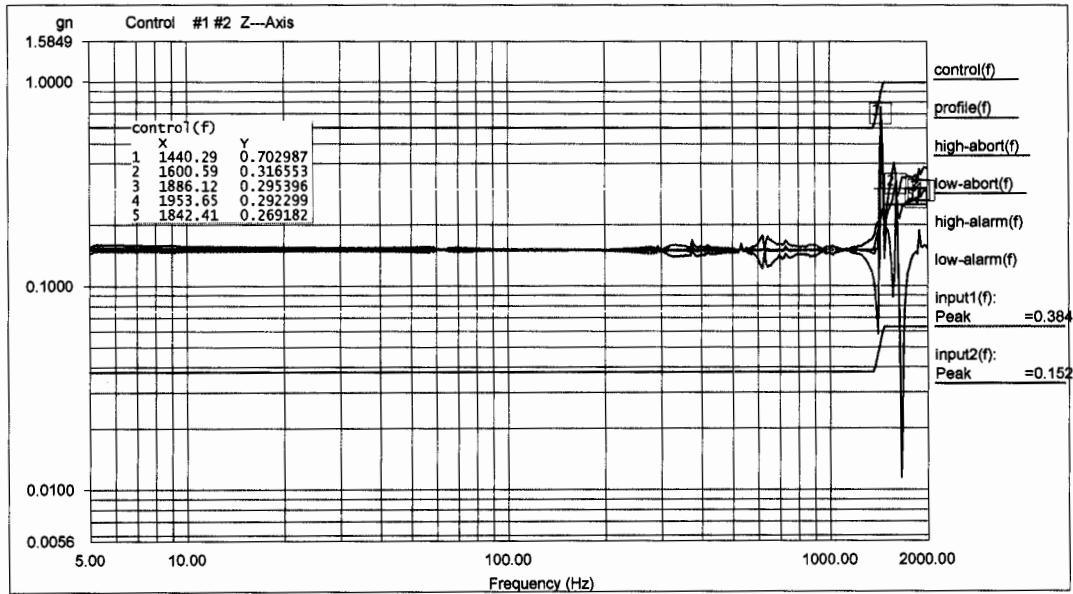
QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
SLAC Project File Name: 5-2000hZ 0.15g.prj
Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 09-52-14



Level: 100 % Control Peak: 0.286373 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 09:59:00 AM, Monday, February 27, 2006 Report created at 09:59:02 AM, Monday, February 27, 2006

QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
SLAC Project File Name: 5-2000hZ 0.15g.prj
Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 09-52-14



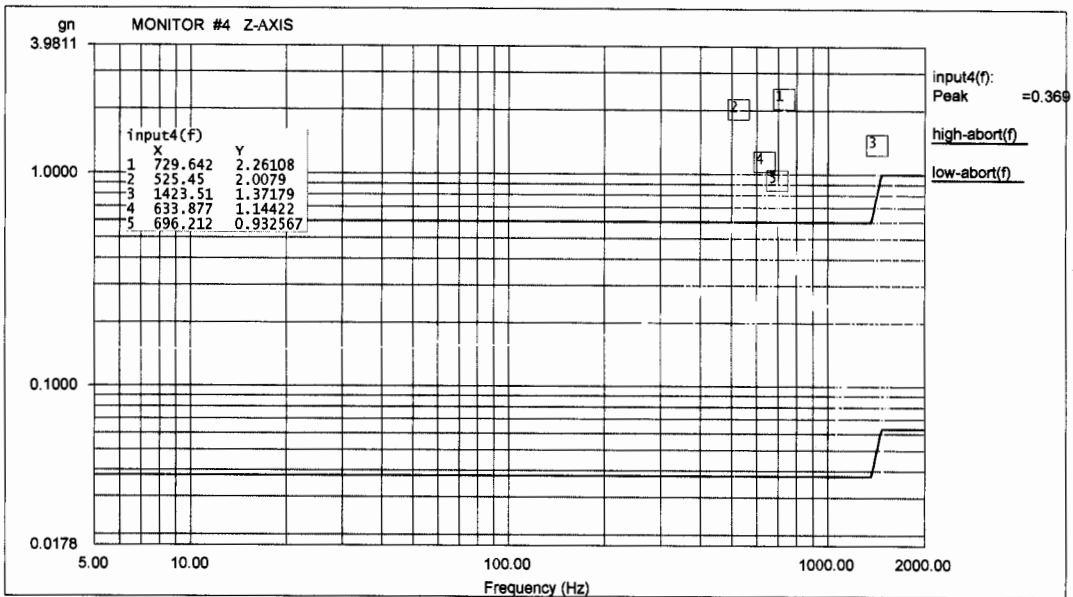
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Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

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PRE-SINE 1
02-27-06

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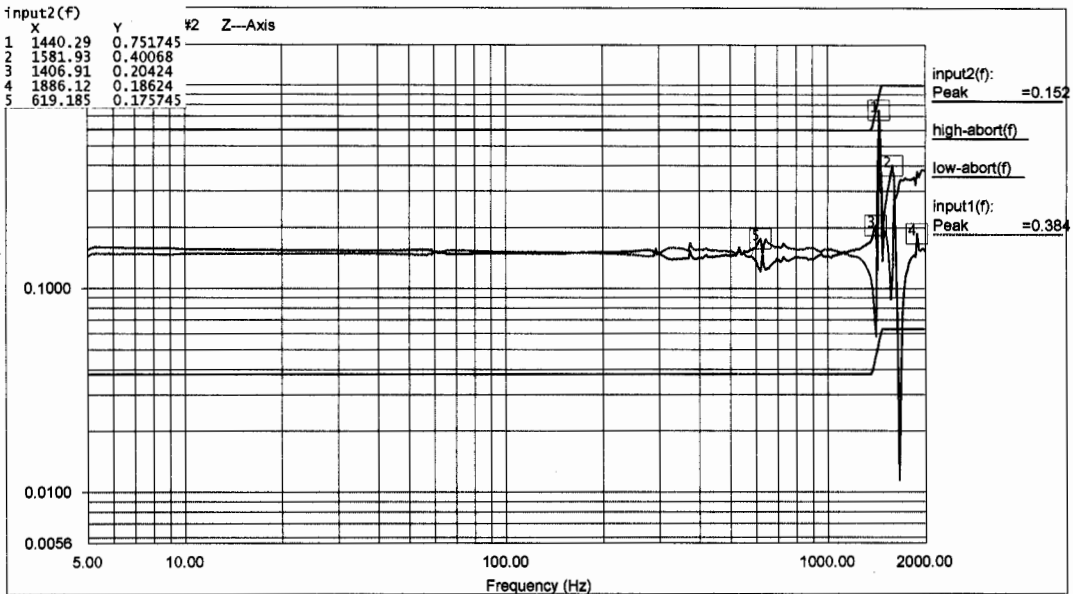
QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
 SLAC Project File Name: 5-2000hZ 0.15g.prj Run Folder: .\RunDefault Feb 27,2006 09-52-14
 Profile Name: Test Type: Swept Sine



Level: 100% Control Peak: 0.286373 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
 Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 09:59:00 AM, Monday, February 27, 2006 Report created at 09:59:02 AM, Monday, February 27, 2006

QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
 SLAC Project File Name: 5-2000hZ 0.15g.prj Run Folder: .\RunDefault Feb 27,2006 09-52-14
 Profile Name: Test Type: Swept Sine



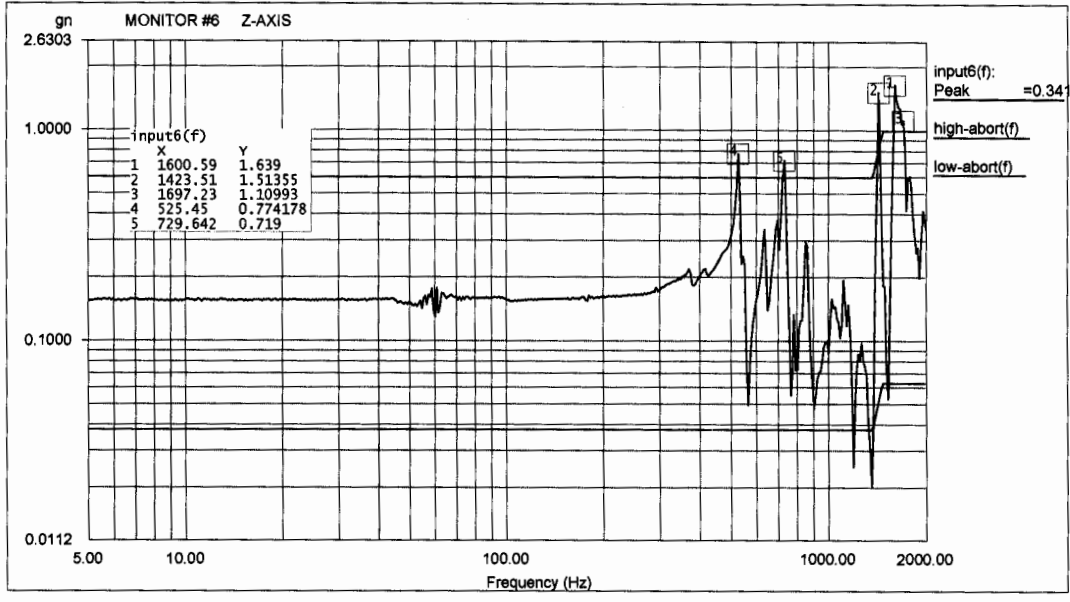
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PRE-SINE 1
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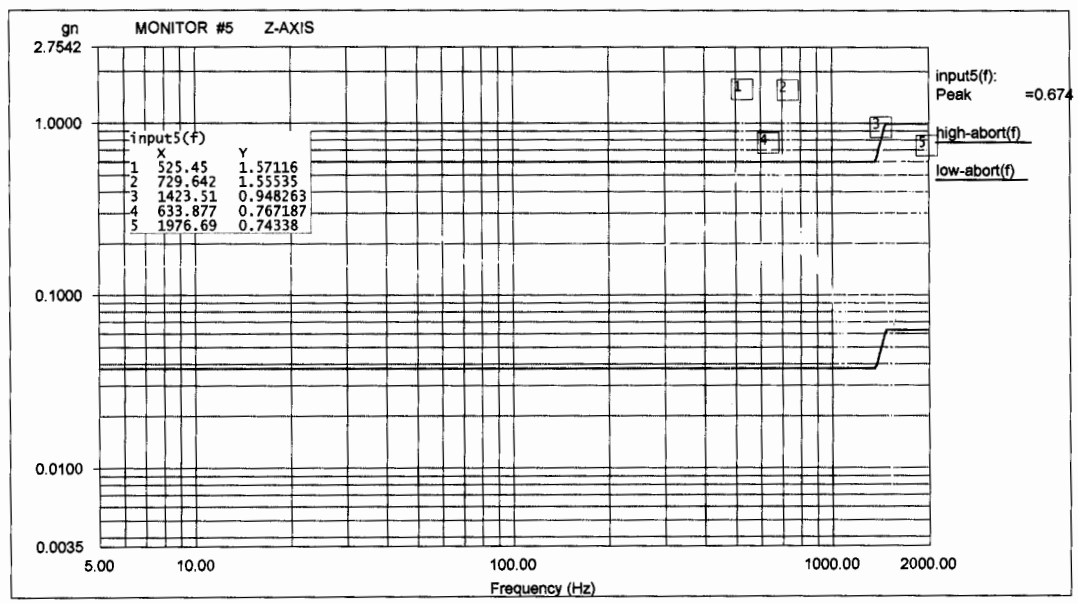
QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
SLAC Project File Name: 5-2000Hz 0.15g.prj
Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 09-52-14



Level: 100 % Control Peak: 0.286373 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

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QUNANT LABS. MODEL: GLAT 2524 PRE SINE QL-06-165
SLAC Project File Name: 5-2000Hz 0.15g.prj
Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 09-52-14



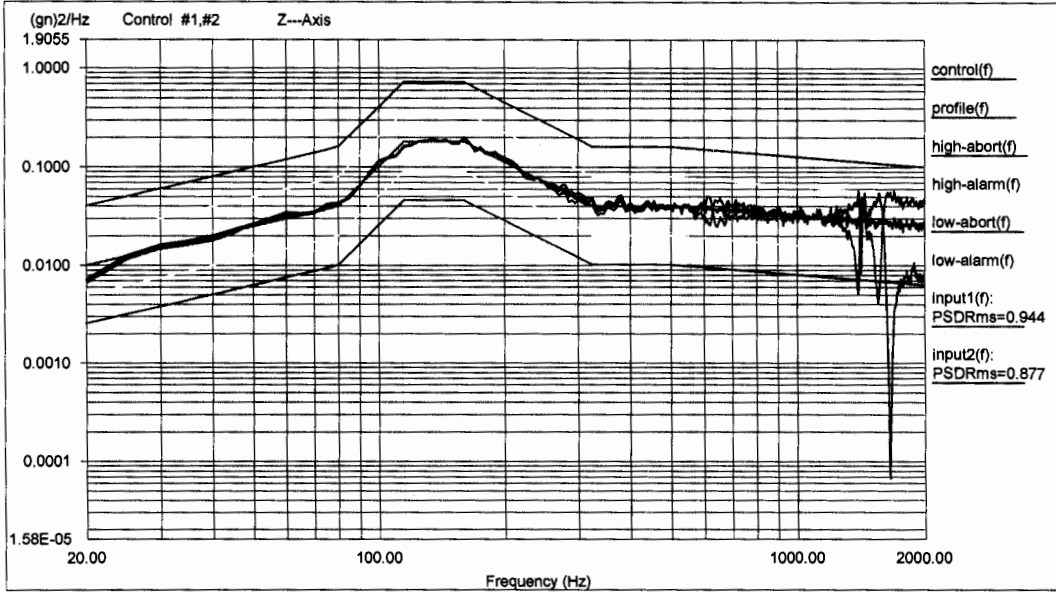
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Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

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RANDOM AT 1
02-27-06

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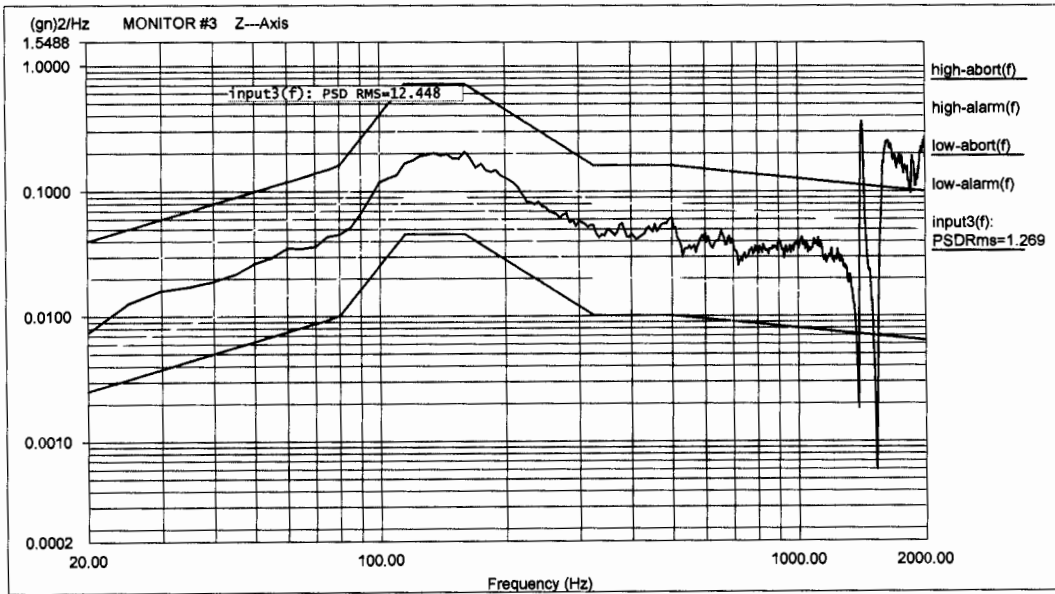
QUANTA LABS. QL-06-165
Stanford Linear Accelerator Model: GLAT 2524 Z-AXIS RANDOM TEST
Project File Name: 20-2000Hz 8.91 GRMS.prj
Profile Name: 20-2000Hz @ 8.91 G rms Test Type: Random Run Folder: \RunDefault Feb 27,2006 10-21-37



Level: 100 %
Control RMS: 8.933020 gn Full Level Elapsed Time: 00:01:00 Lines: 400 Frame Time: 0.200000 Seconds
Demand RMS: 8.915771 gn Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

Data saved at 10:25:12 AM, Monday, February 27, 2006 Report created at 10:25:14 AM, Monday, February 27, 2006

QUANTA LABS. QL-06-165
Stanford Linear Accelerator Model: GLAT 2524 Z-AXIS RANDOM TEST
Project File Name: 20-2000Hz 8.91 GRMS.prj
Profile Name: 20-2000Hz @ 8.91 G rms Test Type: Random Run Folder: \RunDefault Feb 27,2006 10-21-37



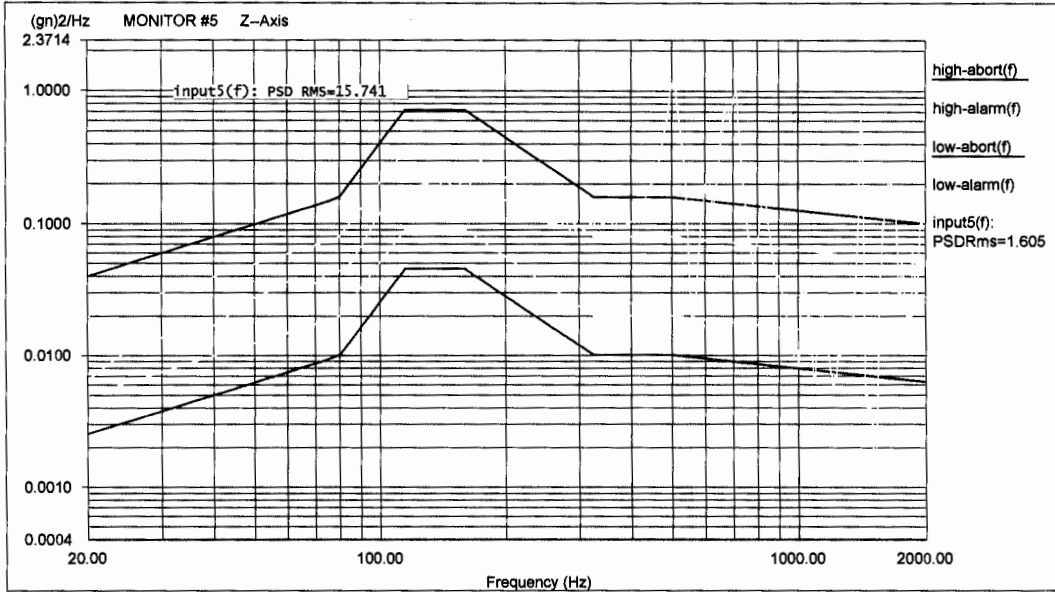
Level: 100 %
Control RMS: 8.933020 gn Full Level Elapsed Time: 00:01:00 Lines: 400 Frame Time: 0.200000 Seconds
Demand RMS: 8.915771 gn Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

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02-27-06

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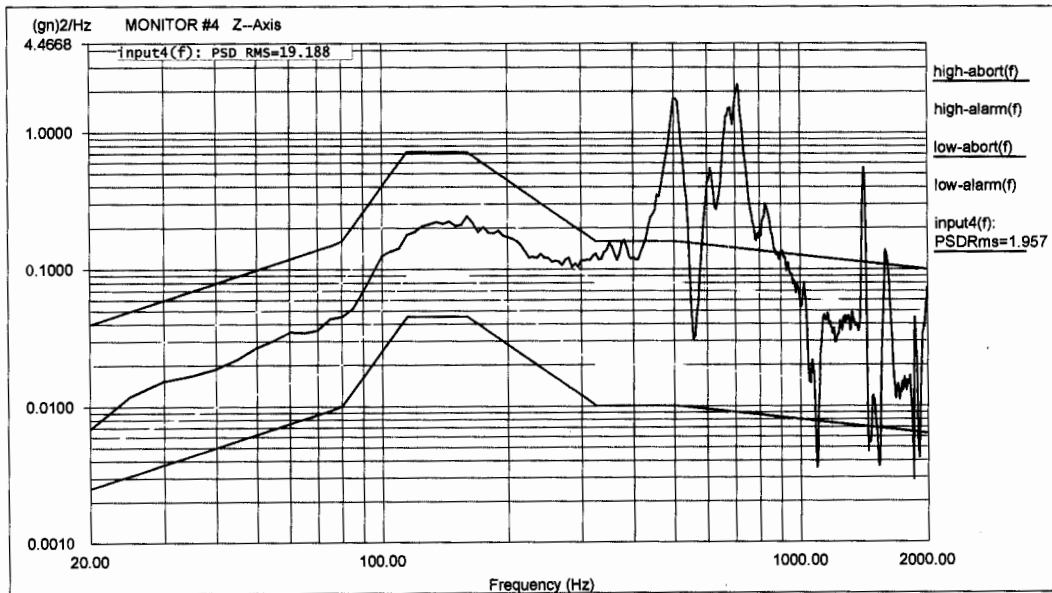
QUANTA LABS. QL-06-165
Stanford Linear Accelerator Model: GLAT 2524 Z-AXIS RANDOM TEST
Project File Name: 20-2000Hz 8.91 GRMS.prj
Profile Name: 20-2000Hz @ 8.91 G rms Test Type: Random Run Folder: \RunDefault Feb 27,2006 10-21-37



Level: 100 %
Control RMS: 8.933020 gn Full Level Elapsed Time: 00:01:00 Lines: 400 Frame Time: 0.200000 Seconds
Demand RMS: 8.915771 gn Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

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QUANTA LABS. QL-06-165
Stanford Linear Accelerator Model: GLAT 2524 Z-AXIS RANDOM TEST
Project File Name: 20-2000Hz 8.91 GRMS.prj
Profile Name: 20-2000Hz @ 8.91 G rms Test Type: Random Run Folder: \RunDefault Feb 27,2006 10-21-37



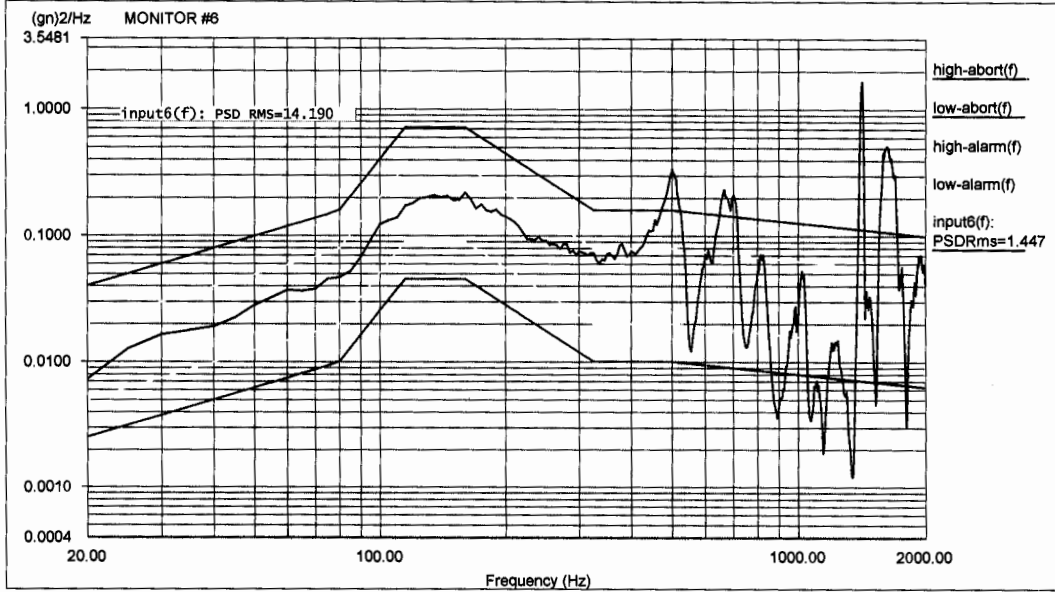
Level: 100 %
Control RMS: 8.933020 gn Full Level Elapsed Time: 00:01:00 Lines: 400 Frame Time: 0.200000 Seconds
Demand RMS: 8.915771 gn Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

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AT 1
02-27-06

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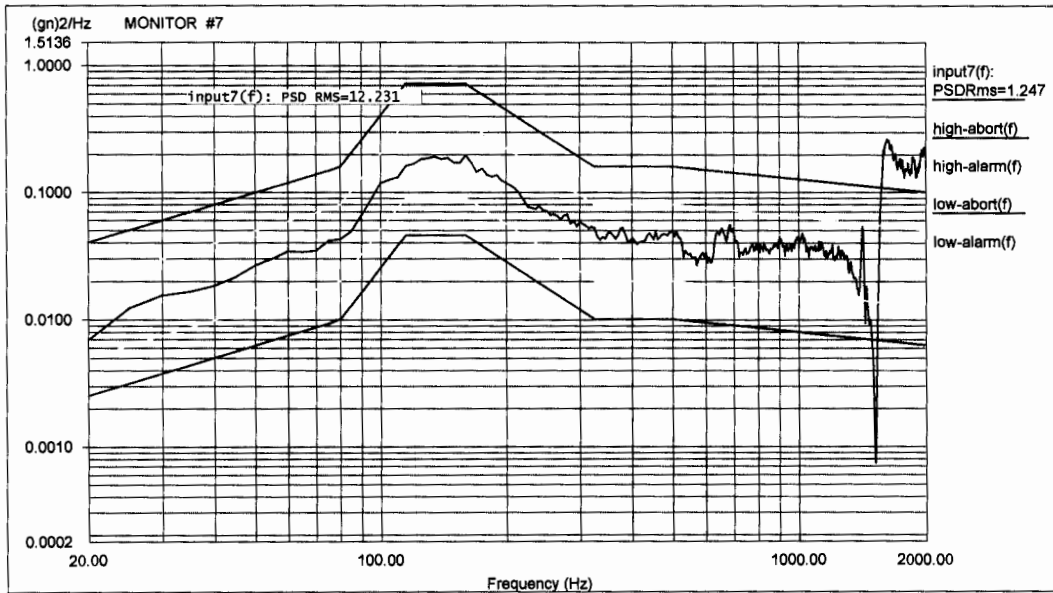
QUANTA LABS. QL-06-165
Stanford Linear Accelerator Model: GLAT 2524 Z-AXIS RANDOM TEST
Project File Name: 20-2000Hz 8.91 GRMS.prj
Profile Name: 20-2000Hz @ 8.91 G rms Test Type: Random Run Folder: \RunDefault Feb 27,2006 10-21-37



Level: 100 %
Control RMS: 8.933020 gn Full Level Elapsed Time: 00:01:00 Lines: 400 Frame Time: 0.200000 Seconds
Demand RMS: 8.915771 gn Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

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QUANTA LABS. QL-06-165
Stanford Linear Accelerator Model: GLAT 2524 Z-AXIS RANDOM TEST
Project File Name: 20-2000Hz 8.91 GRMS.prj
Profile Name: 20-2000Hz @ 8.91 G rms Test Type: Random Run Folder: \RunDefault Feb 27,2006 10-21-37



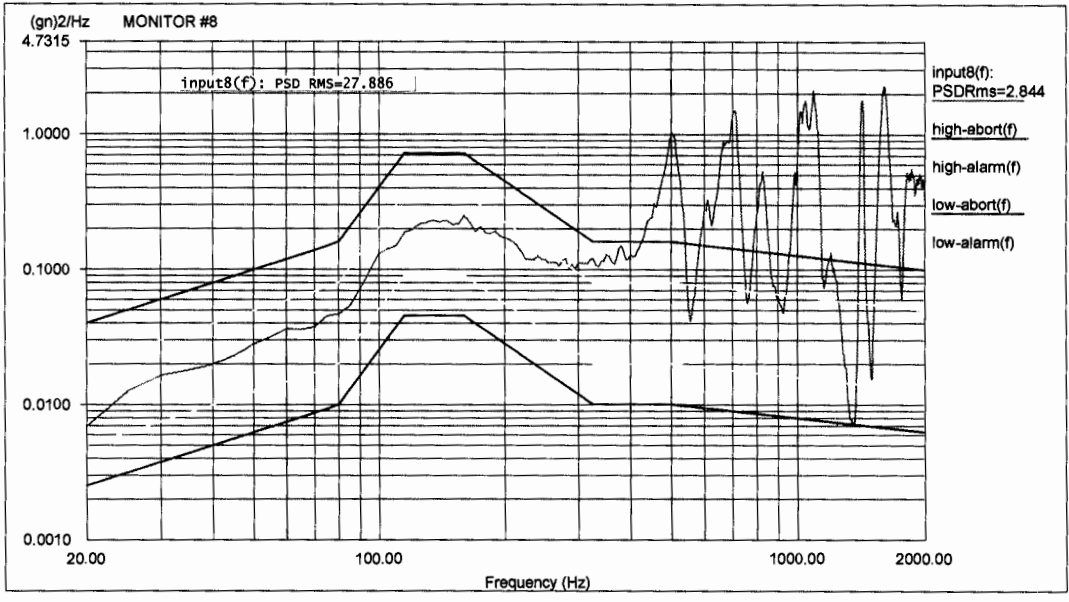
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Control RMS: 8.933020 gn Full Level Elapsed Time: 00:01:00 Lines: 400 Frame Time: 0.200000 Seconds
Demand RMS: 8.915771 gn Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

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02-27-06

QUANTA LABS. QL-06-165
Stanford Linear Accelerator Model: GLAT 2524 Z-AXIS RANDOM TEST
Project File Name: 20-2000Hz 8.91 GRMS.prj
Profile Name: 20-2000Hz @ 8.91 G rms Test Type: Random Run Folder: \RunDefault Feb 27,2006 10-21-37



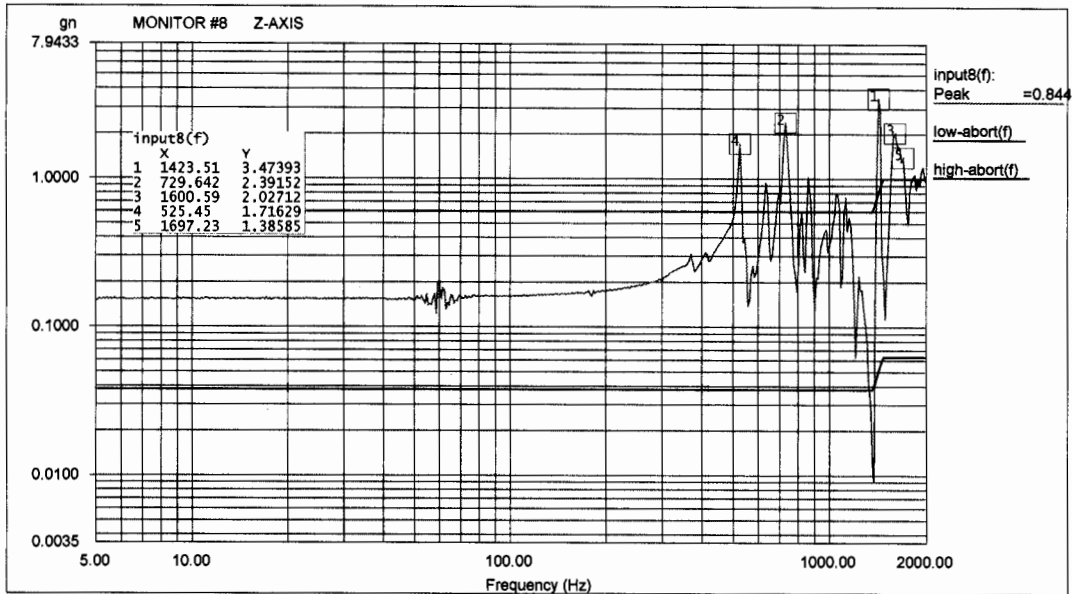
Level: 100 %
Control RMS: 8.933020 gn Full Level Elapsed Time: 00:01:00 Lines: 400 Frame Time: 0.200000 Seconds
Demand RMS: 8.915771 gn Remaining Time: 00:00:00 DOF: 154 dF: 5.000000 Hz

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POST-SINE 1
02-27-06

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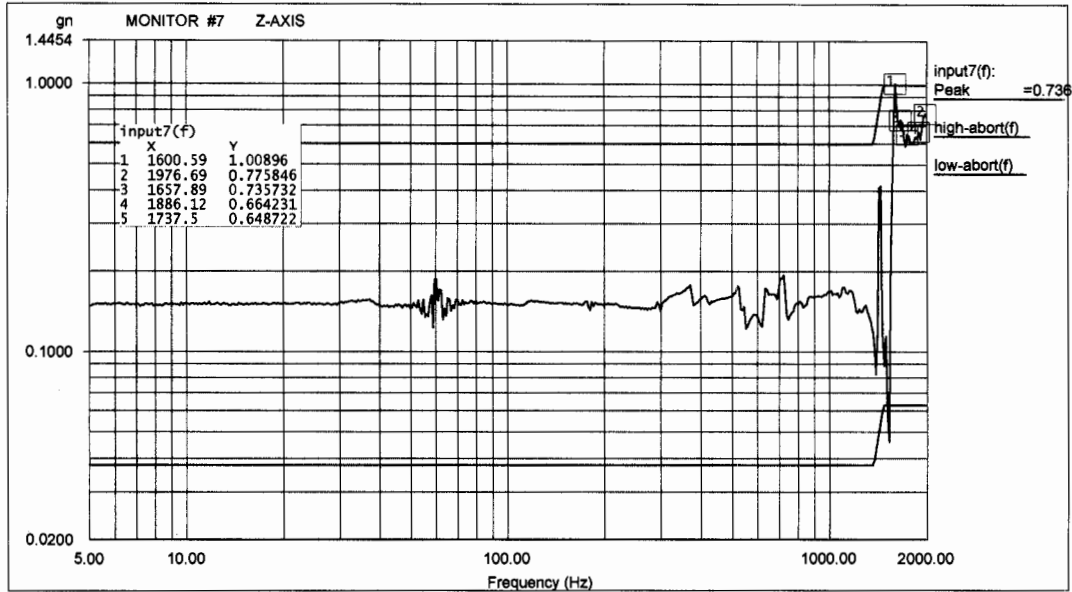
QUNANT LABS. MODEL: GLAT 2524 POST RANDOM QL-06-165
 SLAC Project File Name: 5-2000hZ 0.15g.prj
 Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 10-30-46



Level: 100 % Control Peak: 0.281912 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
 Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:36:20 AM, Monday, February 27, 2006 Report created at 10:36:21 AM, Monday, February 27, 2006

QUNANT LABS. MODEL: GLAT 2524 POST RANDOM QL-06-165
 SLAC Project File Name: 5-2000hZ 0.15g.prj
 Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 10-30-46



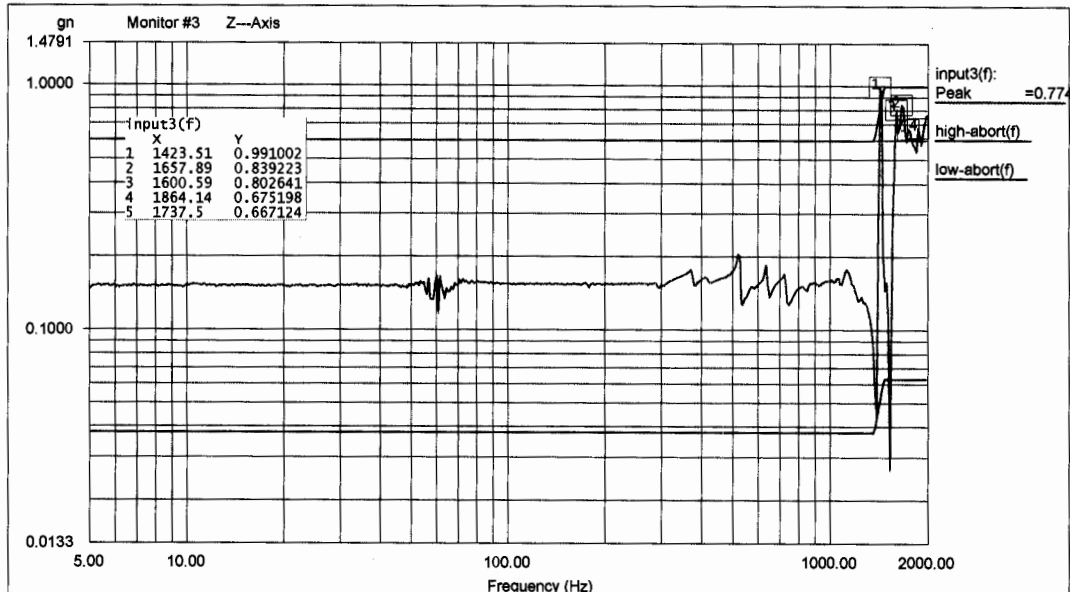
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Data saved at 10:36:20 AM, Monday, February 27, 2006 Report created at 10:36:21 AM, Monday, February 27, 2006

POST-SINE 1
02-27-06

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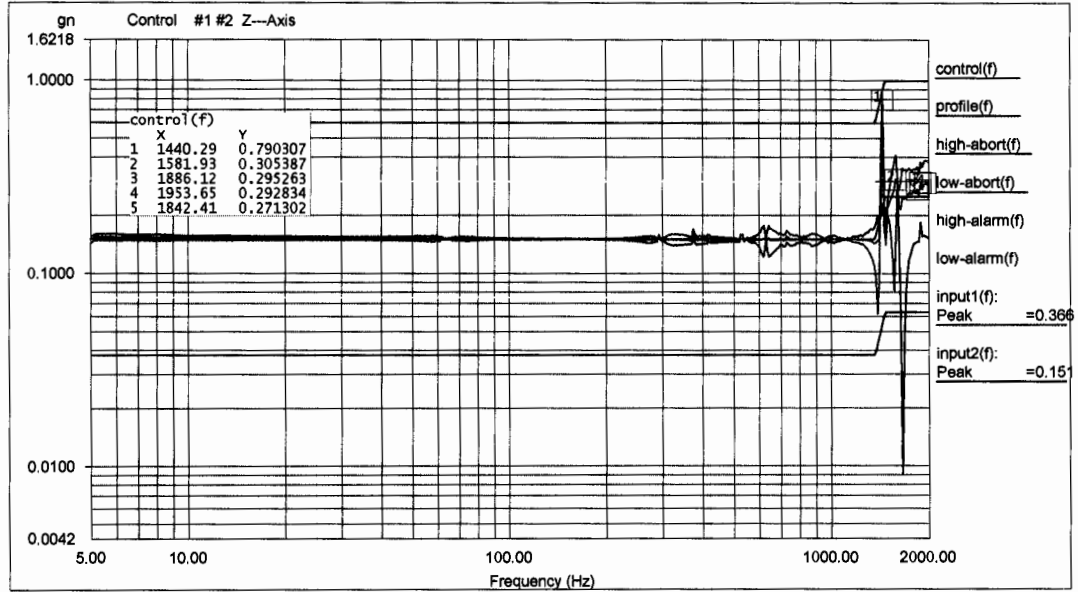
QUNANT LABS. MODEL: GLAT 2524 POST RANDOM QL-06-165
 SLAC Project File Name: 5-2000Hz 0.15g.prj
 Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 10-30-46



Level: 100 % Control Peak: 0.281912 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
 Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

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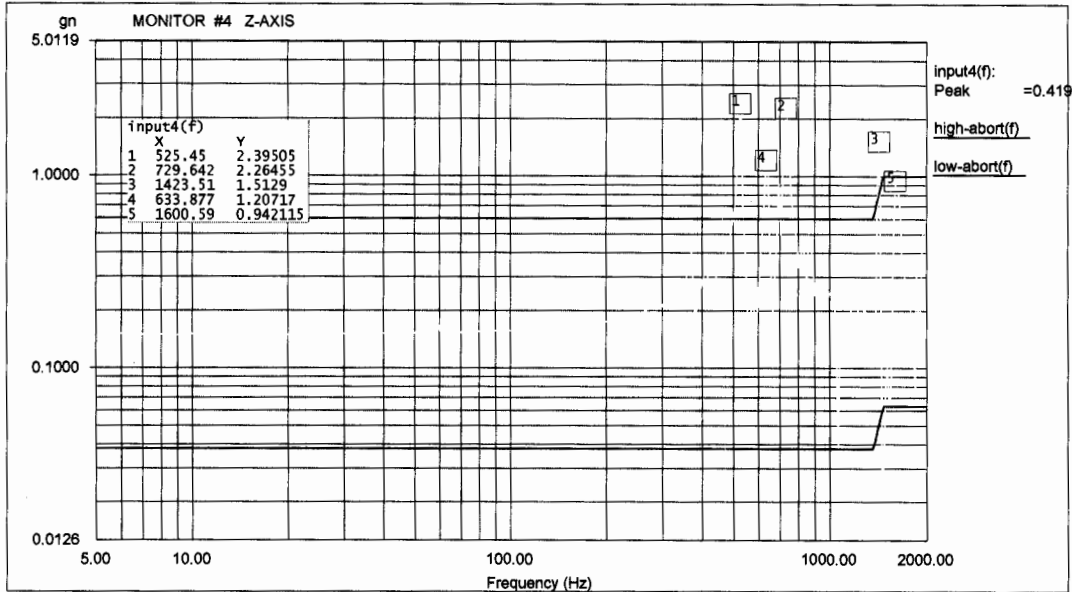
Level: 100 % Control Peak: 0.281912 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
 Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:36:20 AM, Monday, February 27, 2006 Report created at 10:36:21 AM, Monday, February 27, 2006

POST-SINE I
02-27-06

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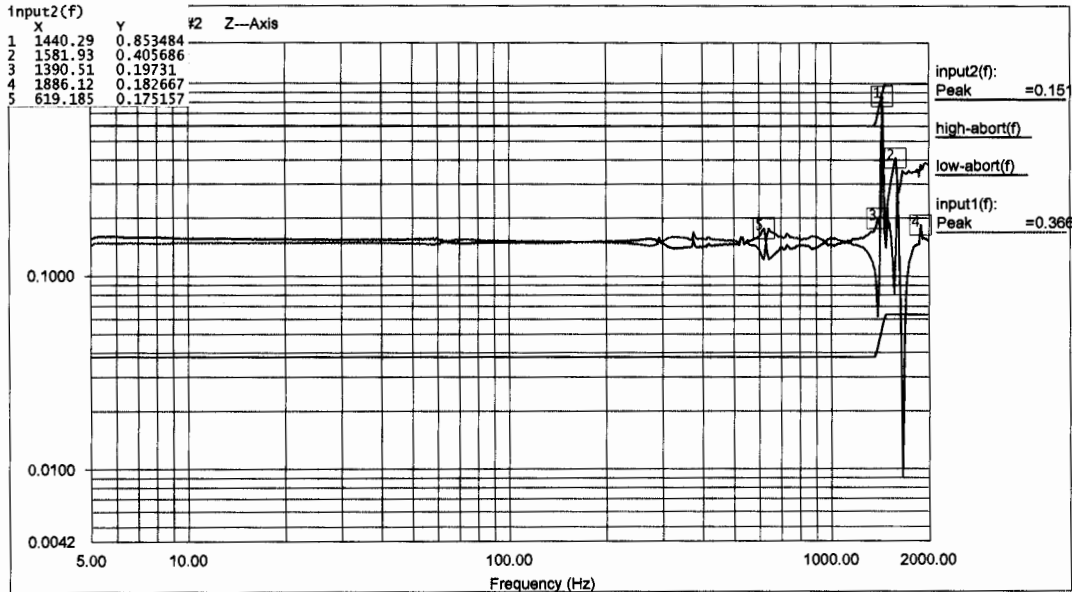
QUNANT LABS. MODEL: GLAT 2524 POST RANDOM QL-06-165
 SLAC Project File Name: 5-2000hZ 0.15g.prj
 Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 10:30:46



Level: 100 % Control Peak: 0.281912 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
 Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

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QUNANT LABS. MODEL: GLAT 2524 POST RANDOM QL-06-165
 SLAC Project File Name: 5-2000hZ 0.15g.prj
 Profile Name: Test Type: Swept Sine Run Folder: \RunDefault Feb 27,2006 10:30:46

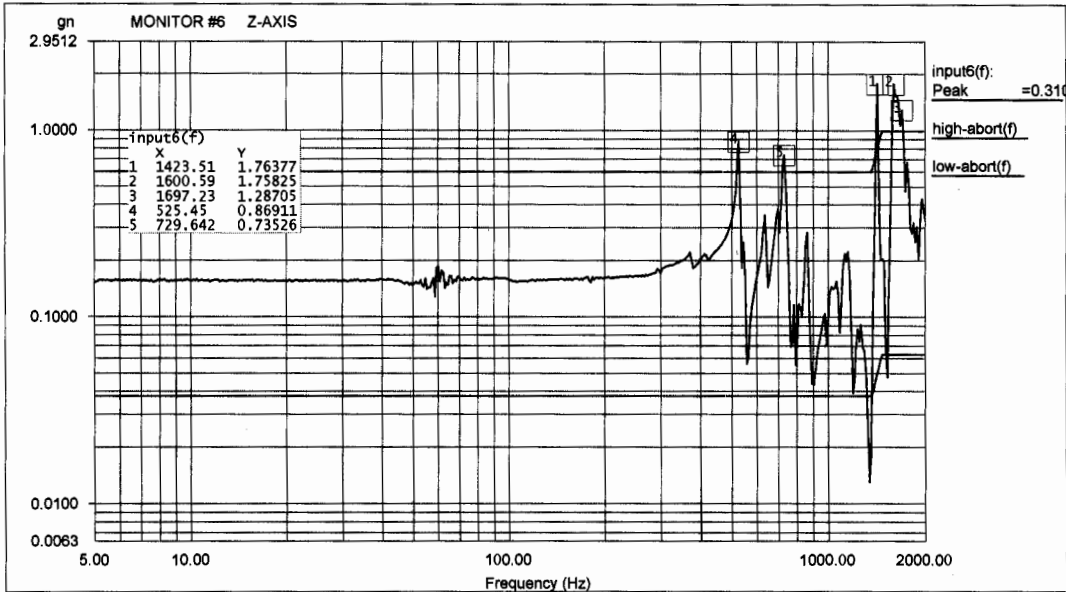


Level: 100 % Control Peak: 0.281912 gn Full Level Time: 00:04:19 Sweep Type: Logarithmic
 Frequency: 1999.669067 Hz Demand Peak: 0.250000 gn Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

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POST SINE 1
02-27-06
④/4

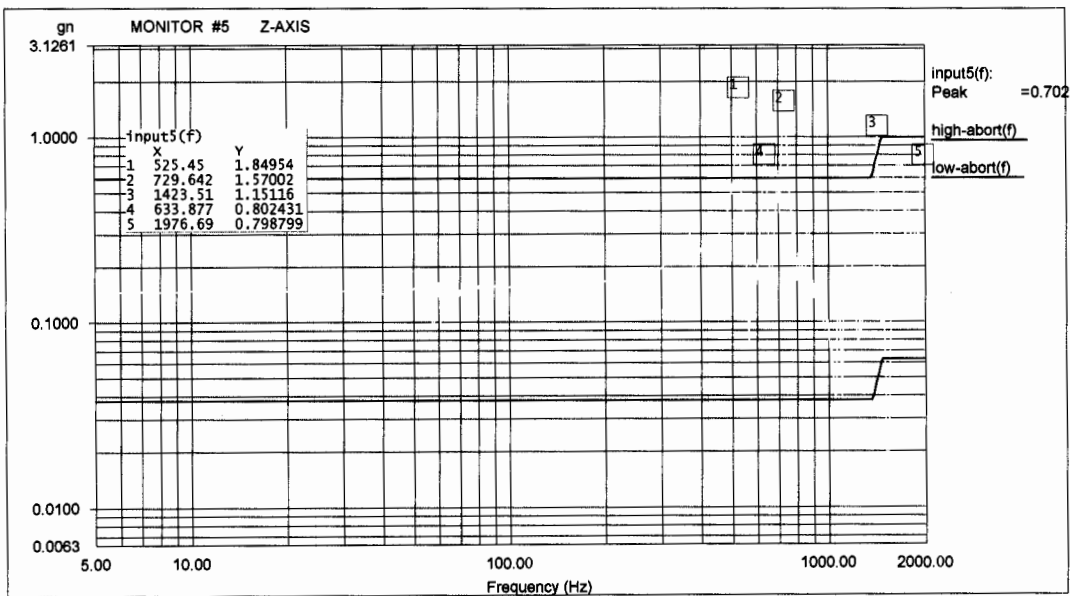
QUNANT LABS. MODEL: GLAT 2524 POST RANDOM QL-06-165
SLAC Project File Name: 5-2000hZ 0.15g.prj
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