SUB-TEST PARAMETERS AND SUB-TEST GRAPHS

The **S.E.R.M.S**. Lab. guarantees that the test set-up and management is done only by authorized and qualified members of the **Centro Tecnica** staff according to the customer specifications.

After the input of the test engineer, the control system records the parameters for all the different sub-tests and automatically generates the corresponding printable output files.

The graphs are automatically generated during the test by the control system and directly inserted into this report;

ANNEXED

Y AXIS TEST PLOTS

1 - FIXTURE CALIBRATION UNLOADED

2.1 - RESONANCE SEARCH
2.2 - LOW LEVEL RANDOM
2.3 - FULL LEVEL RANDOM
2.4 - RESONANCE SEARCH
2.5 - OVERLAY OF RESONANCE SEARCH

X AXIS TEST PLOTS

3.1 - RESONANCE SEARCH
3.2 - LOW LEVEL RANDOM
3.3 - FULL LEVEL RANDOM
3.4 - RESONANCE SEARCH
3.5 - OVERLAY OF RESONANCE SEARCH

Z AXIS TEST PLOTS

4.1 - RESONANCE SEARCH
4.2 - LOW LEVEL RANDOM
4.3 - FULL LEVEL RANDOM
4.4 - RESONANCE SEARCH
4.5 - OVERLAY OF RESONANCE SEARCH

ANNEXED 1

UNIT: PDS

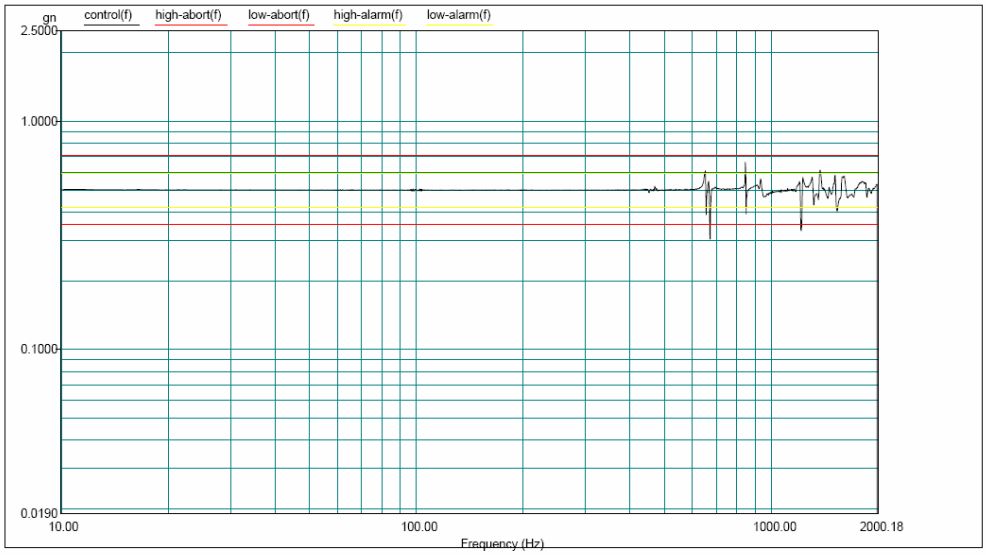
C.I.: PDS 18

S/N: FM01

Y AXIS

FIXTURE CALIBRATION UNLOADED (10 PLOTS)

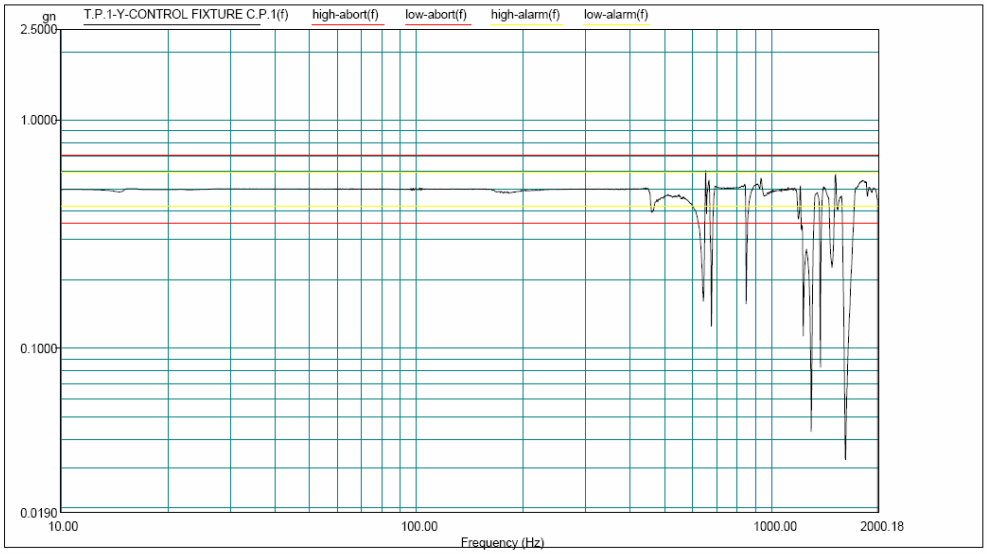
Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:29 , lunedì, agosto 3, 2009

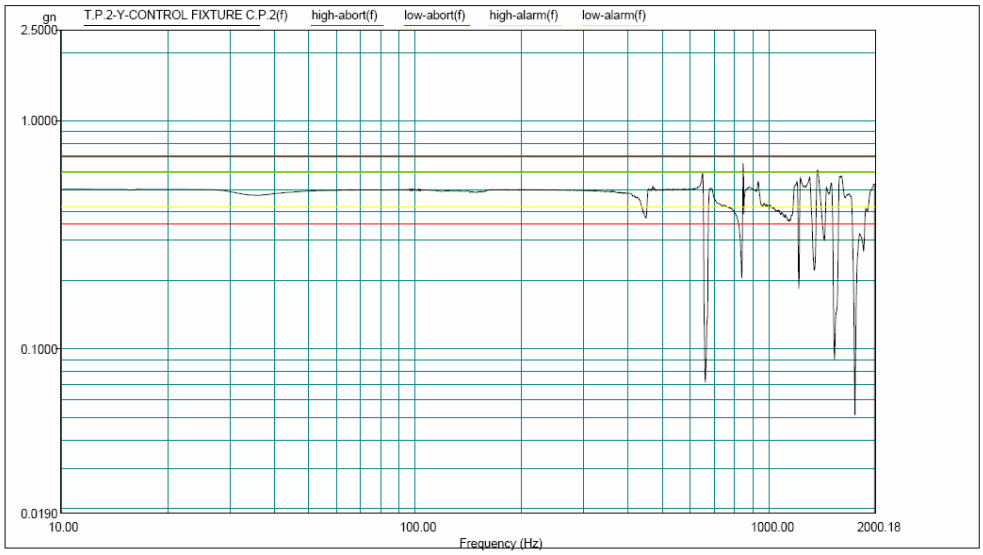
Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:30 , lunedì, agosto 3, 2009

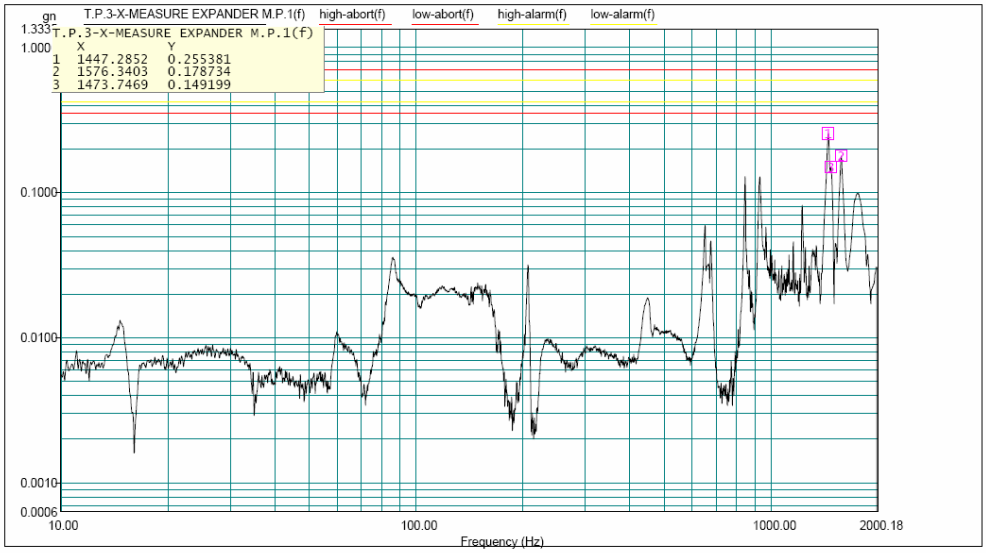
Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:33 , lunedì, agosto 3, 2009

Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



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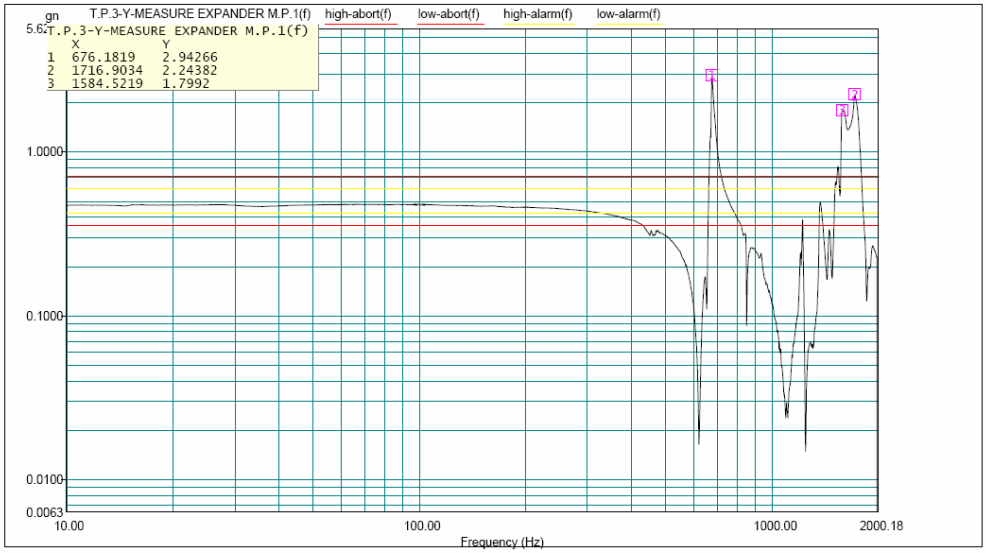
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:35 , lunedì, agosto 3, 2009

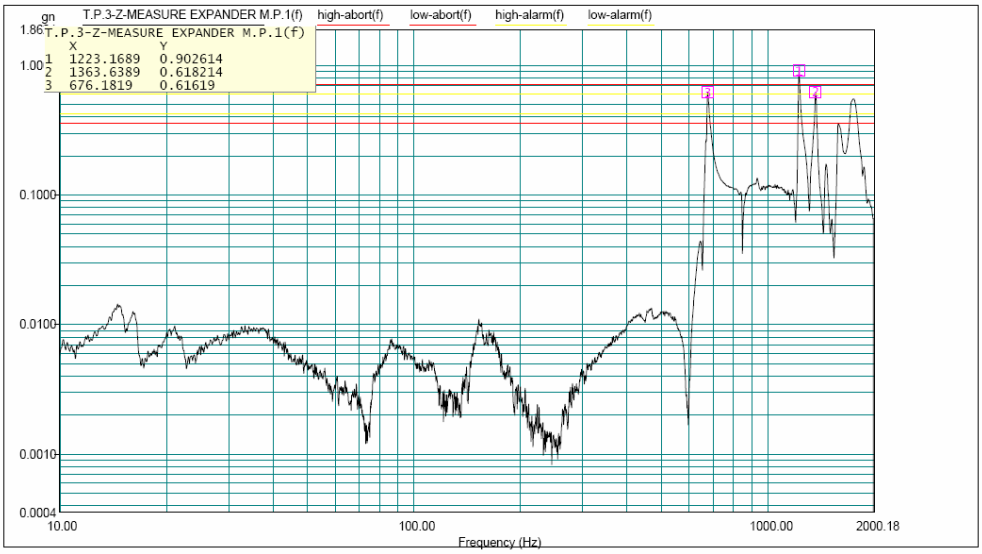
Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:37 , lunedì, agosto 3, 2009

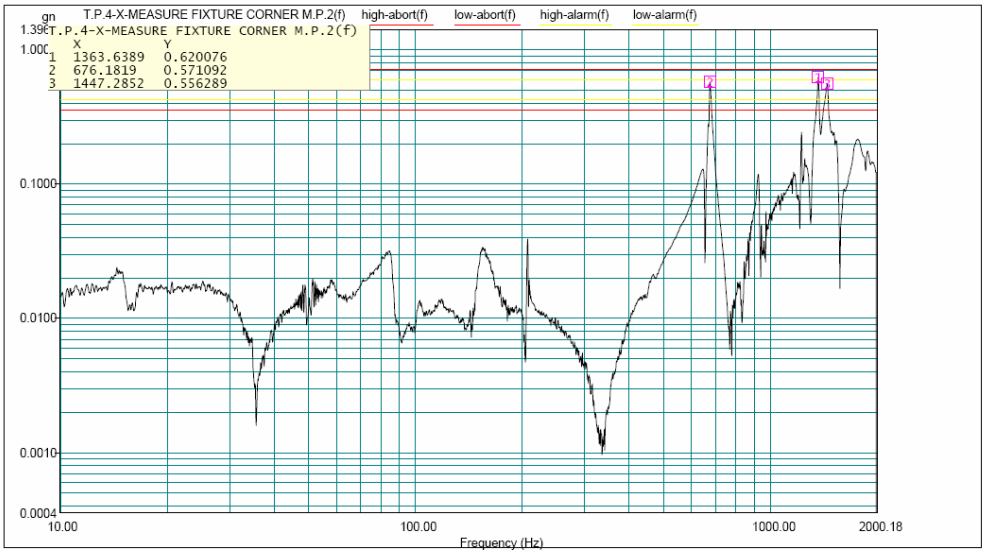
Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:39 , lunedì, agosto 3, 2009

Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



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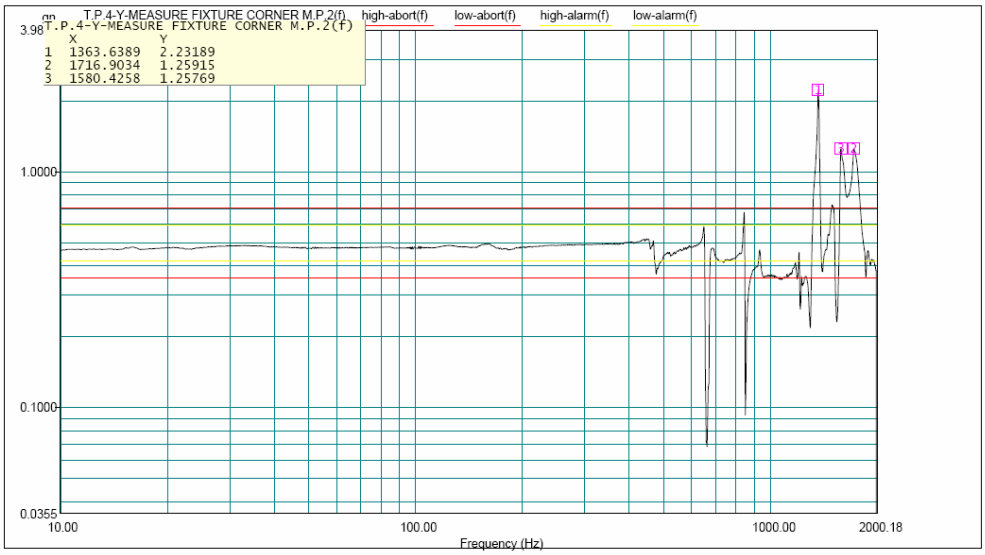
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:41 , lunedì, agosto 3, 2009

Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



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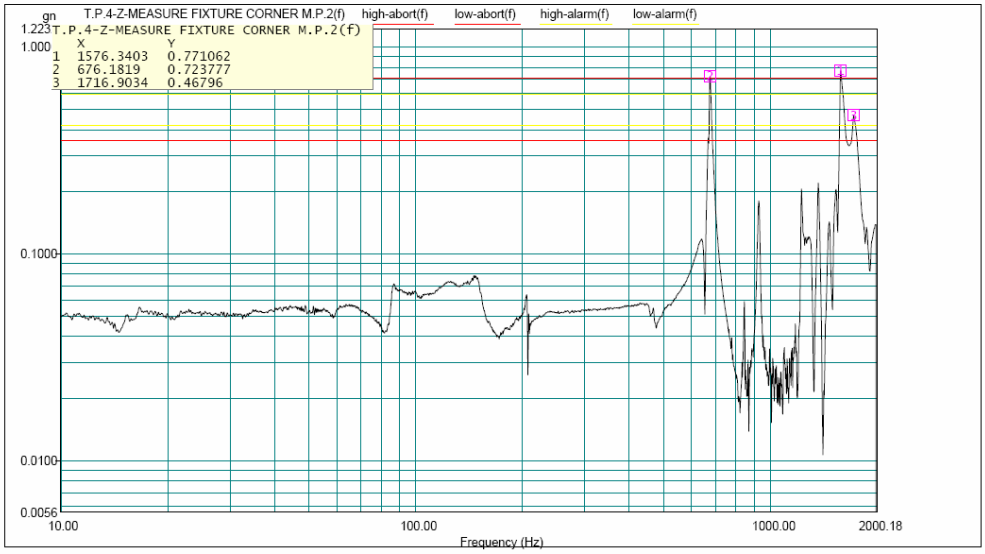
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:43 , lunedì, agosto 3, 2009

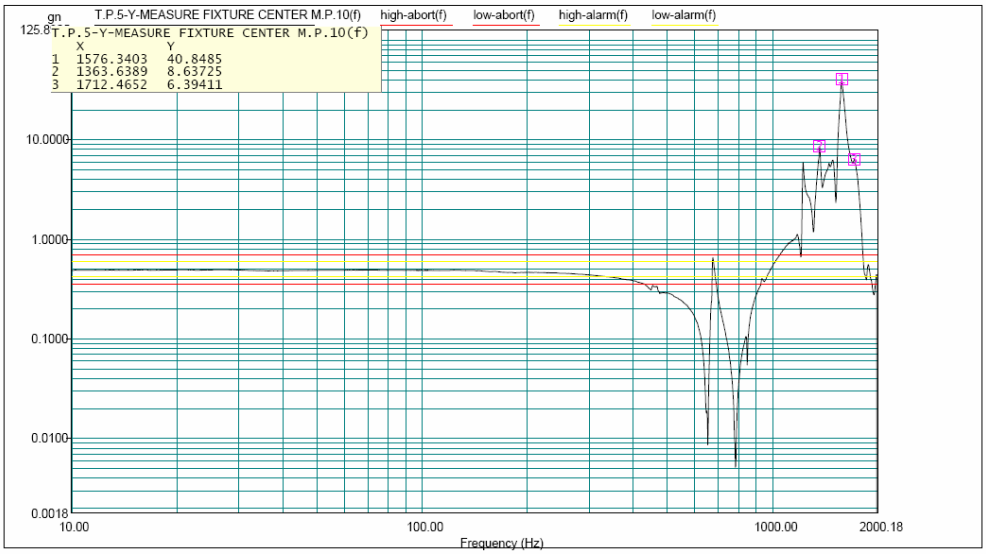
Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:46 , lunedì, agosto 3, 2009

Project File Name: FIXTURE CALIBRATION.prj
Profile Name: RUN 1 FIXTURE CALIBRATION UNLOADED ON Y AXIS Test Type: Swept Sine
Run Folder: .\RUN 1 FIX CAL UNLOAD Y Aug 03, 2009 12-28-25



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1983.905273 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 12:32:27 PM, Monday, August 03, 2009 Report created at 12:32:48 , lunedì, agosto 3, 2009

ANNEXED 2.1

UNIT: PDS

C.I.: PDS 18

S/N: FM01

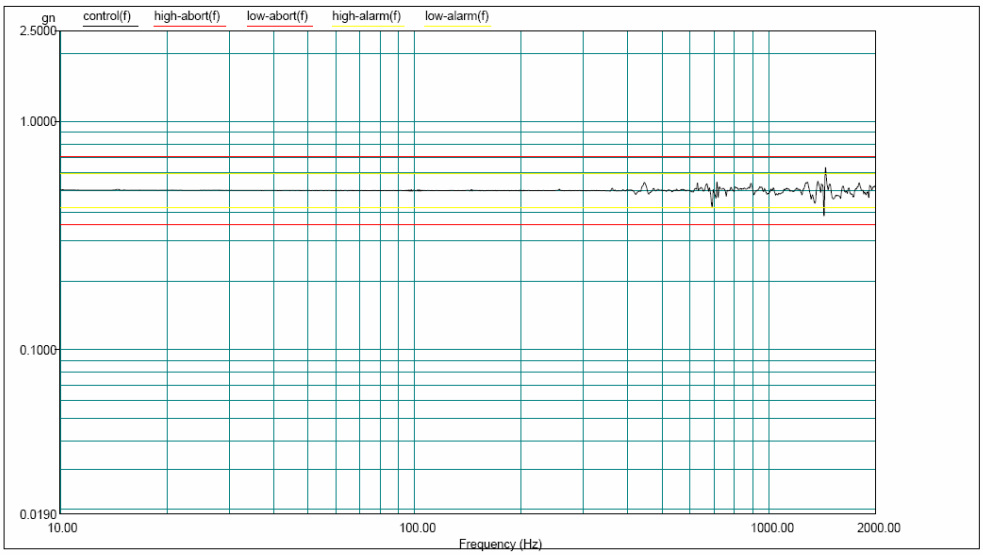
Y AXIS

RESONANCE SEARCH (17 PLOTS)

Laboratorio per lo Studio degli Effetti delle Radiazioni sui Materiali per lo Spazio
Via Pentima Bassa, 21 Terni - 05100 TR
phone/fax: +39.0744.49.29.13

CUSTOMER: Carlo Gavazzi Space SpA - Via Gallarate, 150 - 20151 Milano MI - Italy - Tel: +39 0238048360 - Fax: +39 023086458

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



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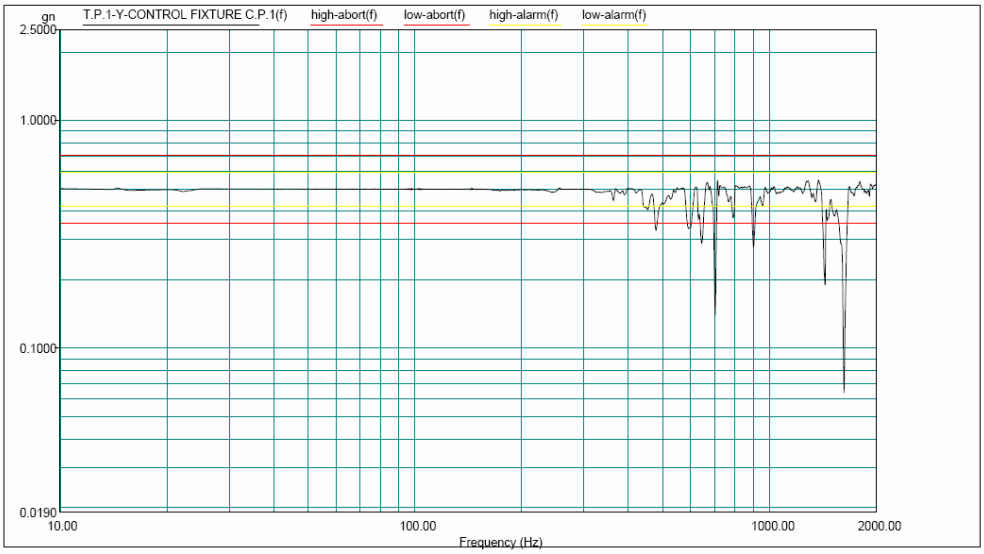
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:50:55 , lunedì, agosto 3, 2009

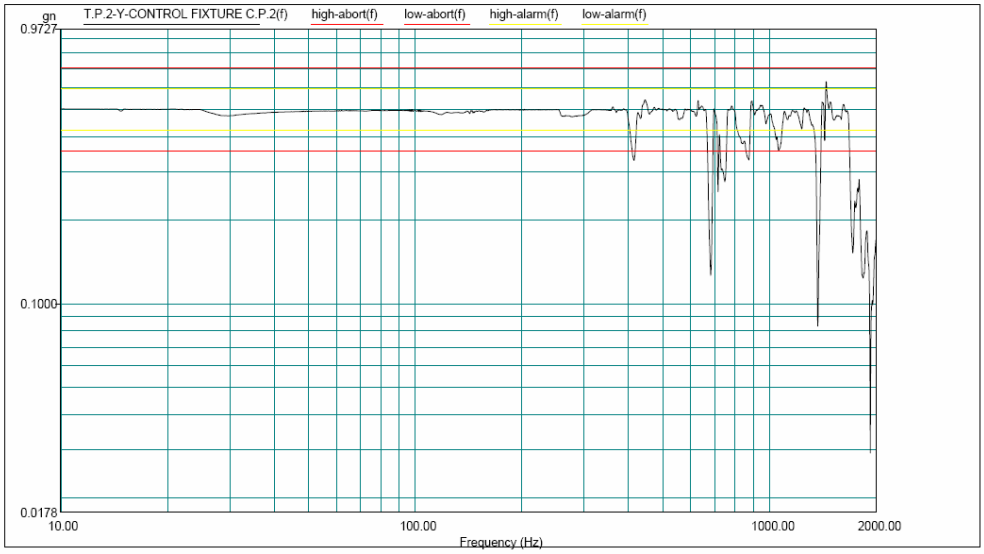
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:50:57 , lunedì, agosto 3, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



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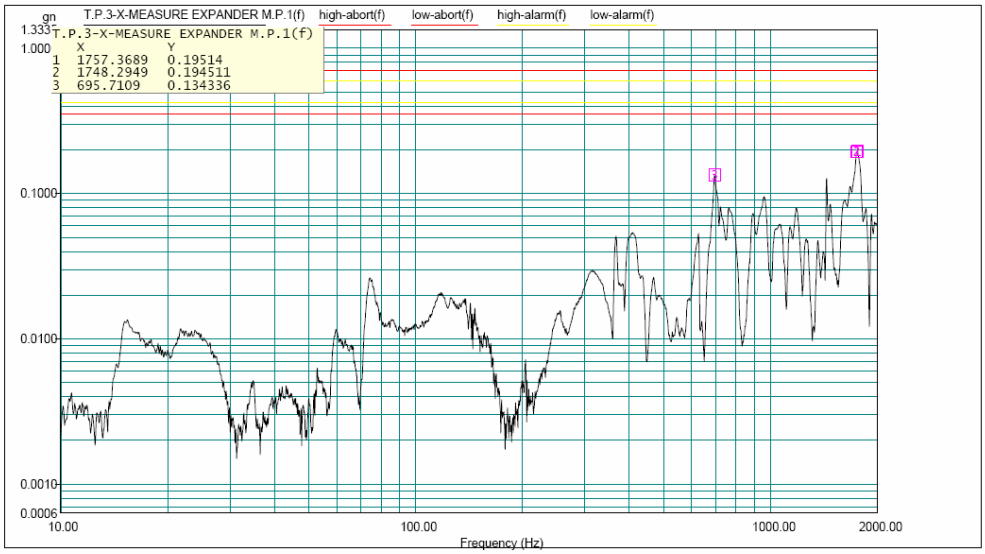
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:50:59 , lunedì, agosto 3, 2009

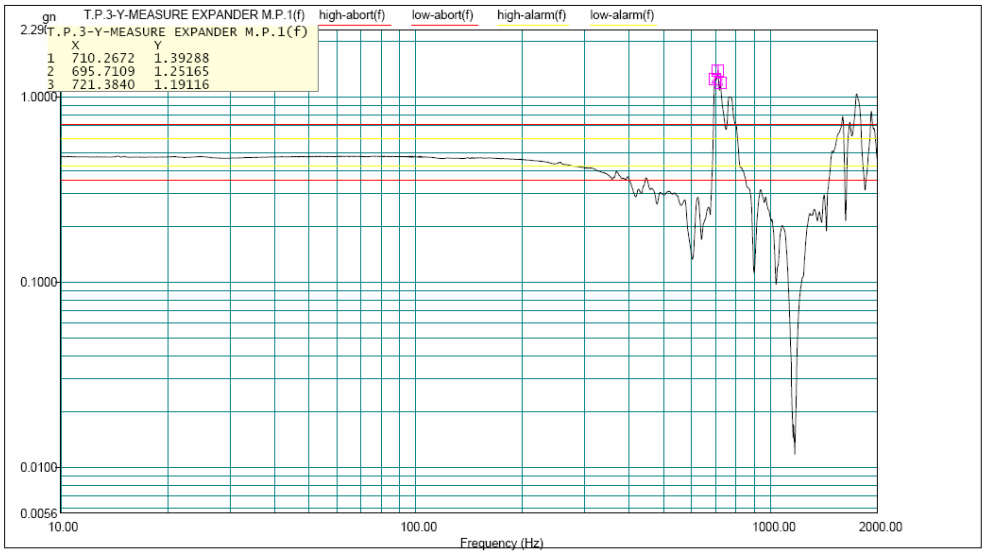
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:01 , lunedì, agosto 3, 2009

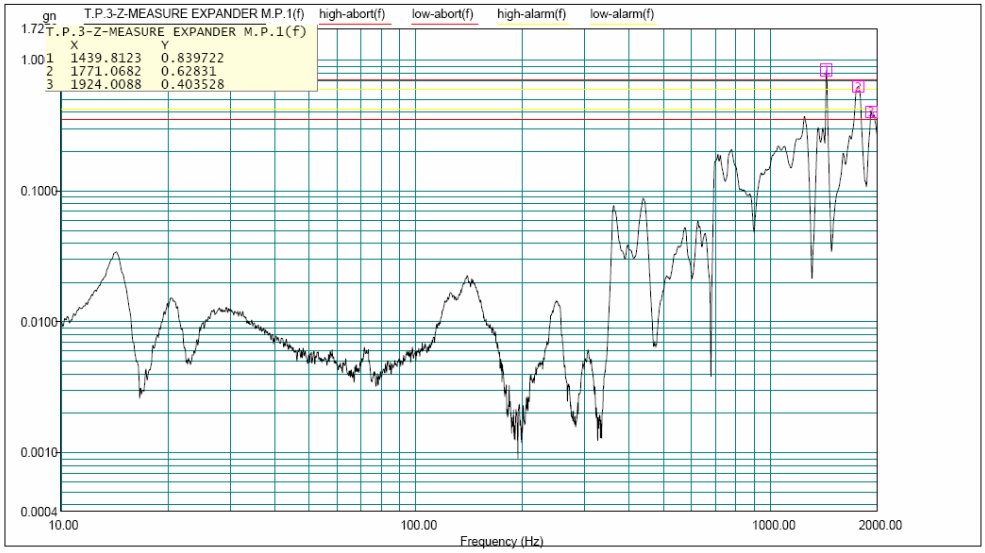
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:03 , lunedì, agosto 3, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



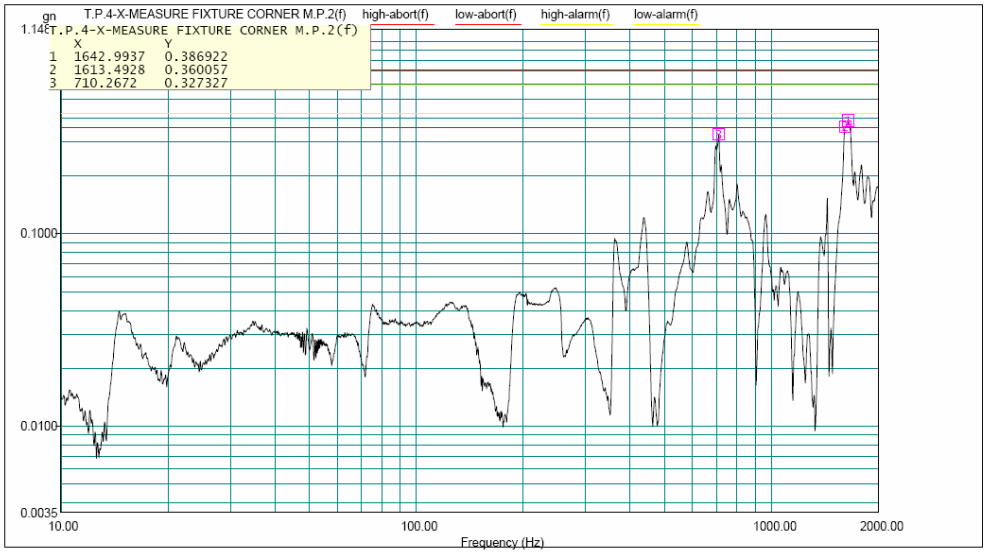
Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:05 , lunedì, agosto 3, 2009

Laboratorio per lo Studio degli Effetti delle Radiazioni sui Materiali per lo Spazio
Via Pentima Bassa, 21 Terni - 05100 TR
phone/fax: +39.0744.49.29.13

CUSTOMER: Carlo Gavazzi Space SpA - Via Gallarate, 150 - 20151 Milano MI - Italy - Tel: +39 0238048360 - Fax: +39 023086458

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level: 0 dB Full Level Time: 00:03:49 Sweep Type: Logarithmic
Frequency: 1975.614868 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

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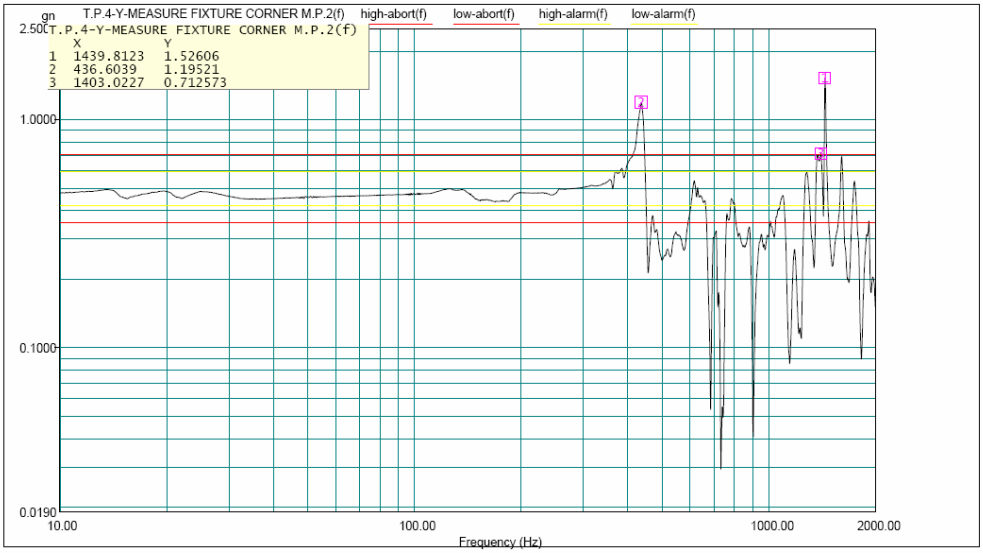
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



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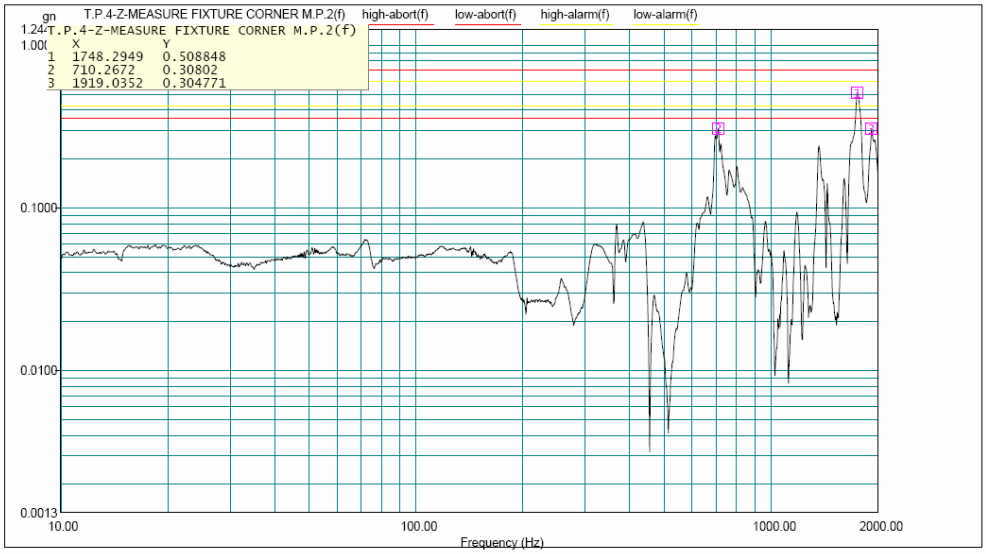
Frequency: 1975.614868 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:10 , lunedì, agosto 3, 2009

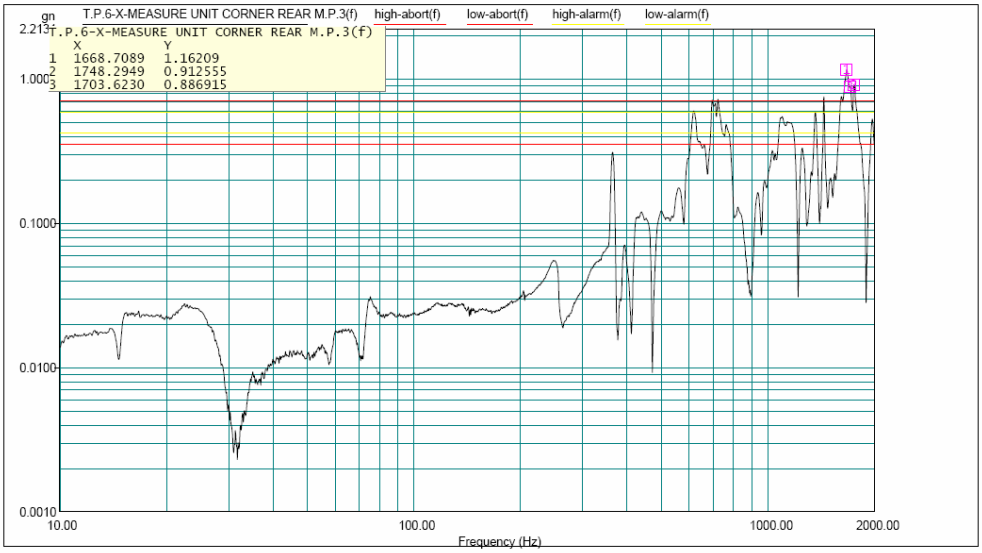
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:13 , lunedì, agosto 3, 2009

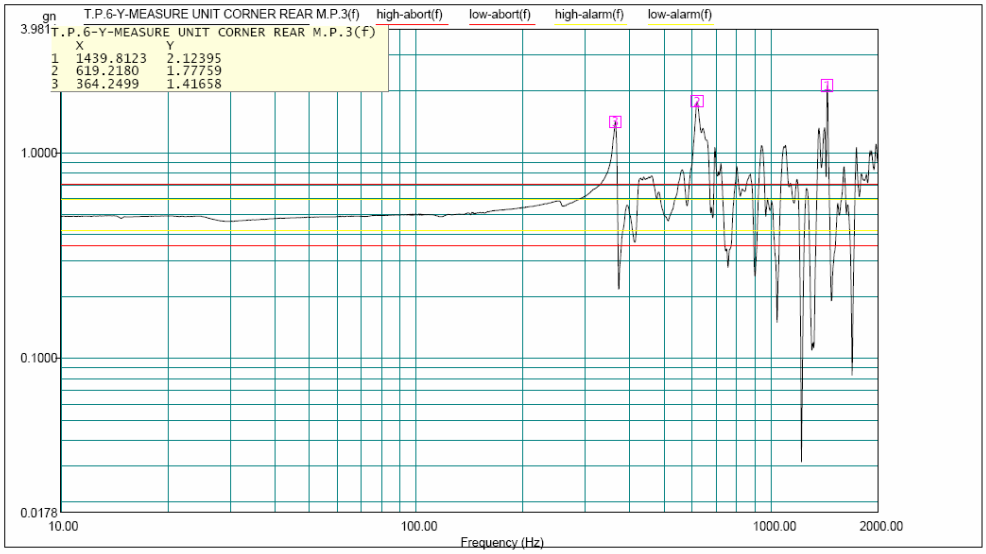
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:15 , lunedì, agosto 3, 2009

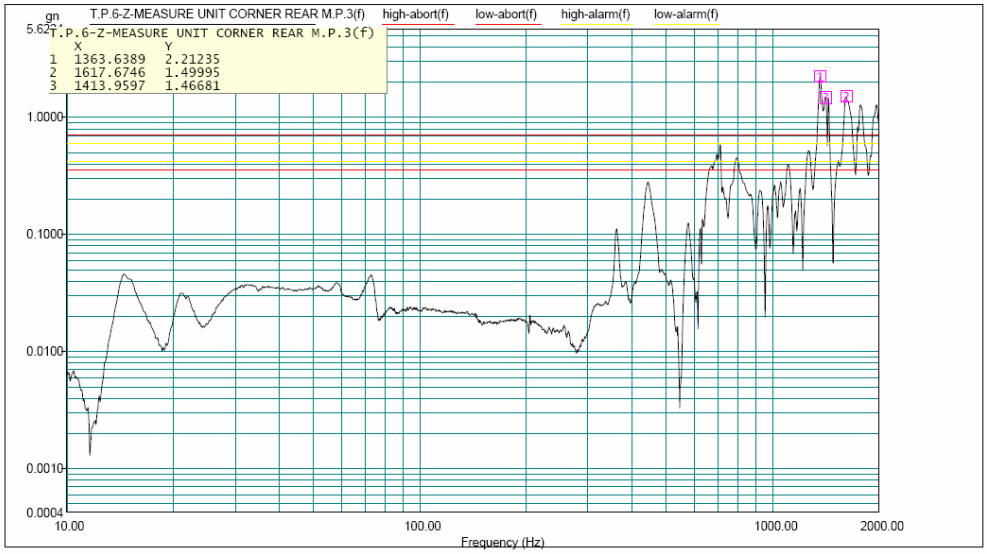
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:17 , lunedì, agosto 3, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



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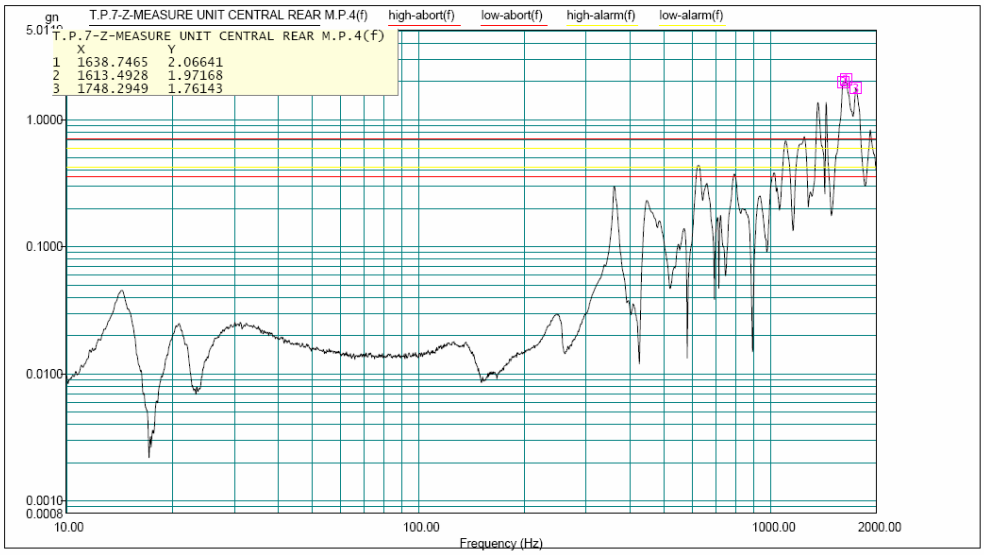
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:20 , lunedì, agosto 3, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



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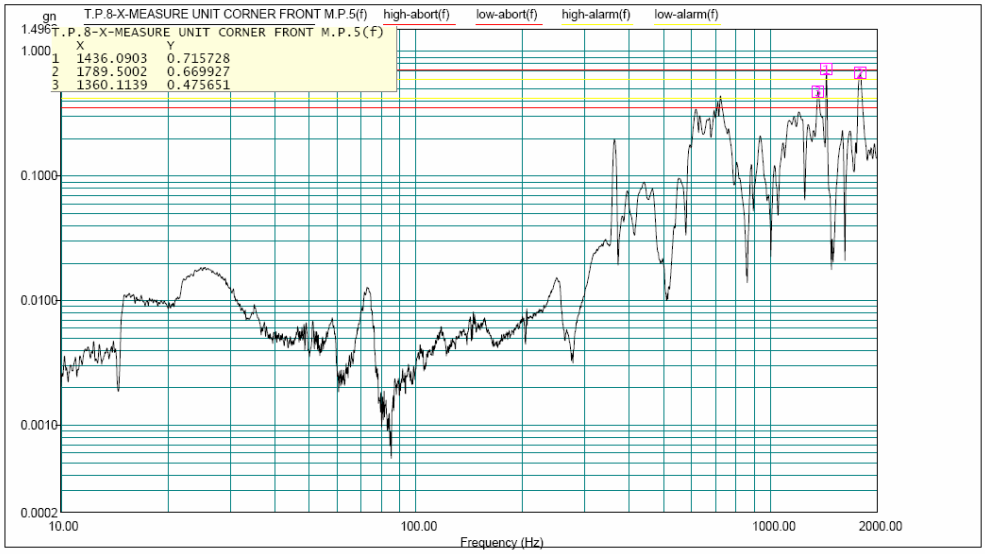
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:53 PM, Monday, August 03, 2009 Report created at 04:51:22 , lunedì, agosto 3, 2009

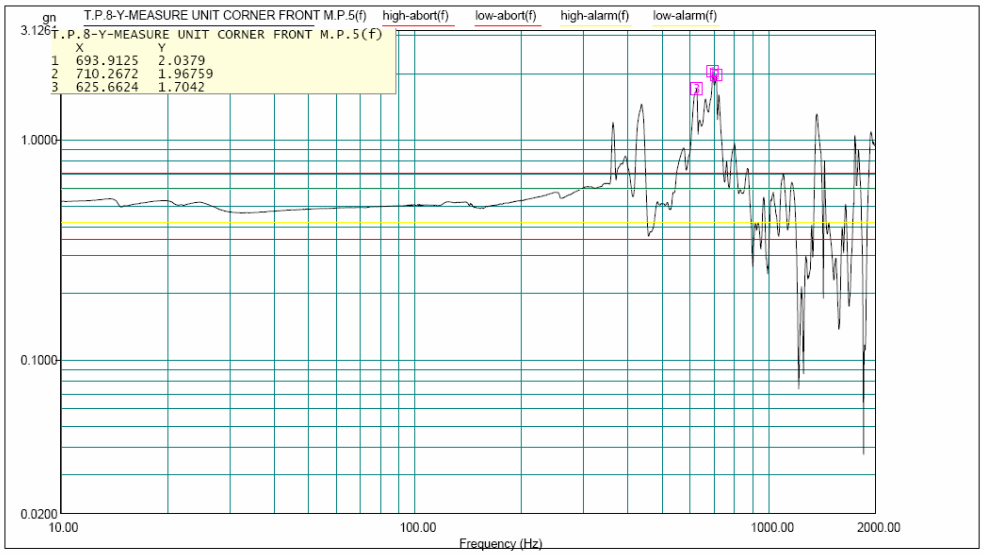
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:54 PM, Monday, August 03, 2009 Report created at 04:51:24 , lunedì, agosto 3, 2009

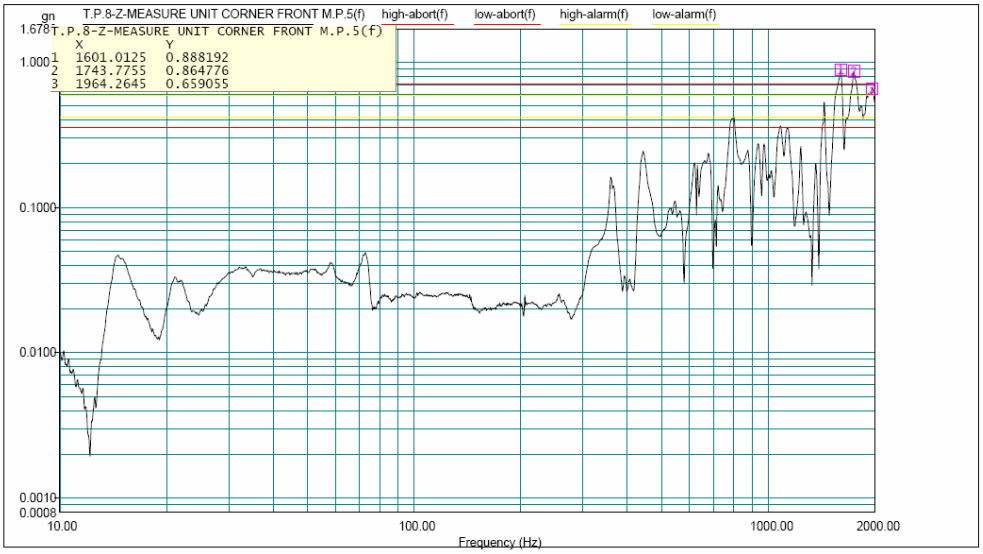
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:54 PM, Monday, August 03, 2009 Report created at 04:51:26 , lunedì, agosto 3, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



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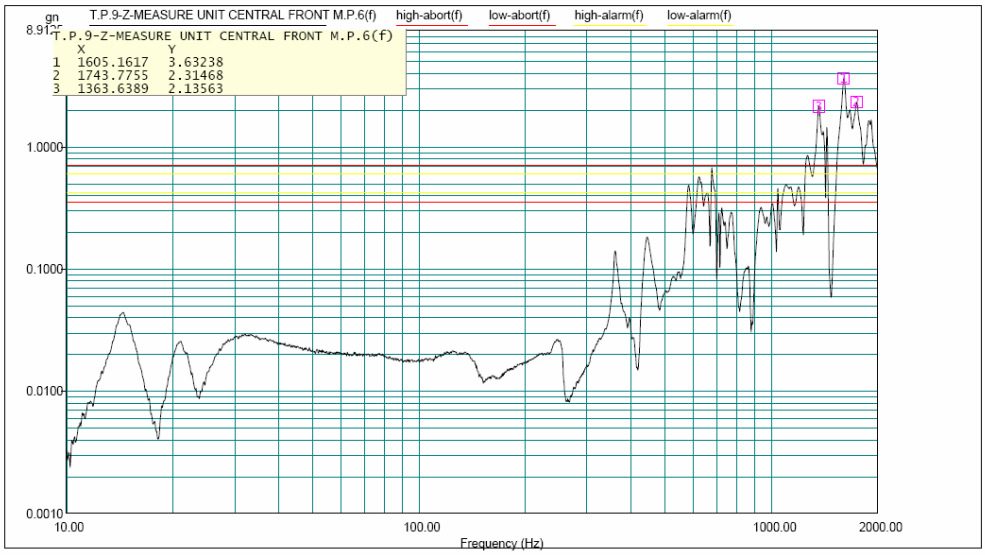
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:54 PM, Monday, August 03, 2009 Report created at 04:51:29 , lunedì, agosto 3, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 2 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 2 RES SEA Y Aug 03, 2009 16-44-18



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1975.614868 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 04:50:54 PM, Monday, August 03, 2009 Report created at 04:51:31 , lunedì, agosto 3, 2009

ANNEXED 2.2

UNIT: PDS

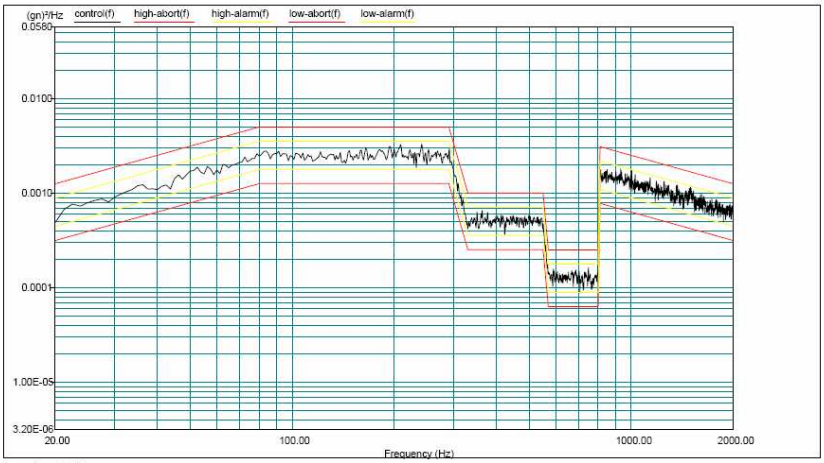
C.I.: PDS 18

S/N: FM01

Y AXIS

LOW LEVEL RANDOM (17 PLOTS)

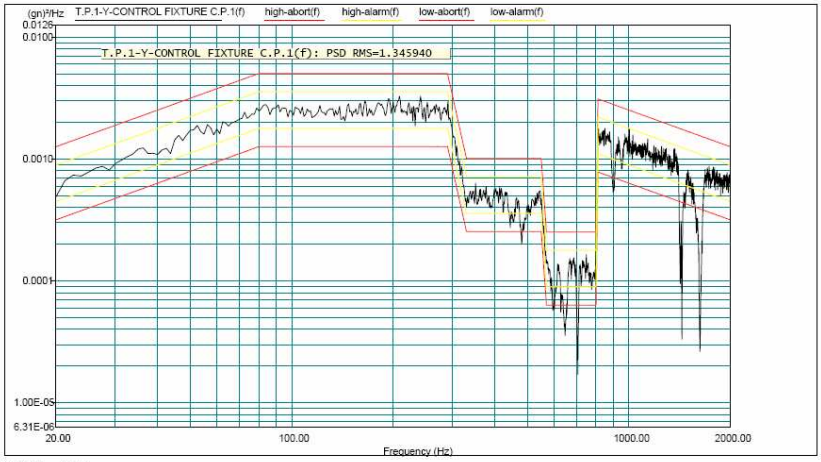
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:49 , martedì, agosto 4, 2009

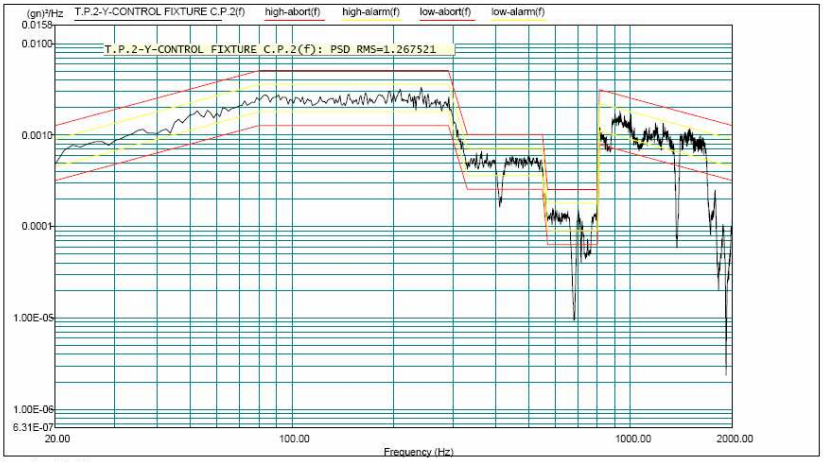
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:50 , martedì, agosto 4, 2009

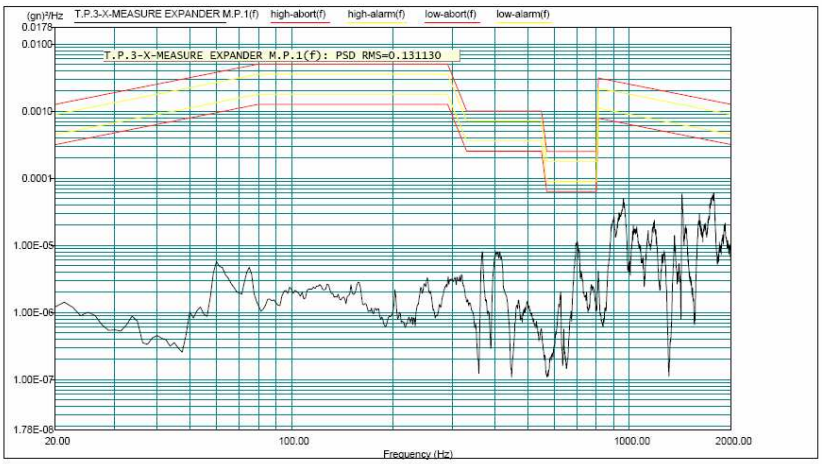
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:52 , martedì, agosto 4, 2009

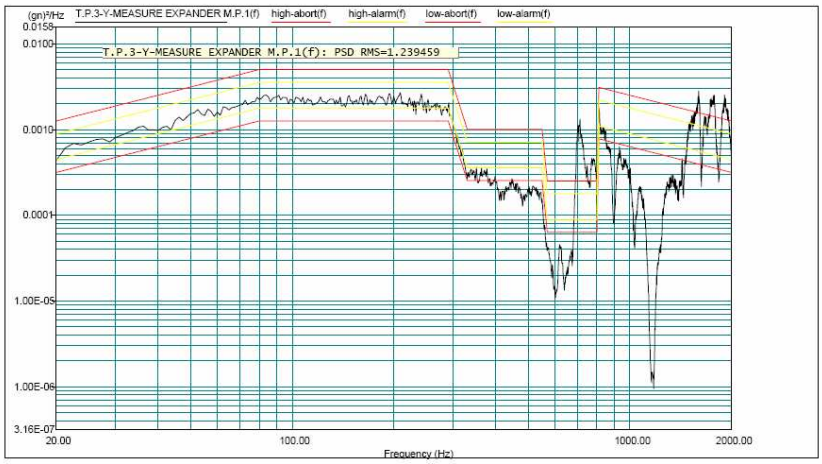
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:53 , martedì, agosto 4, 2009

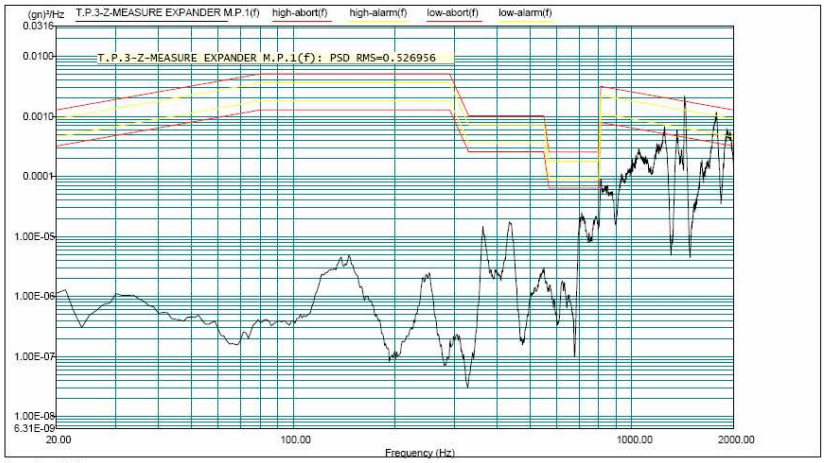
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:54 , martedì, agosto 4, 2009

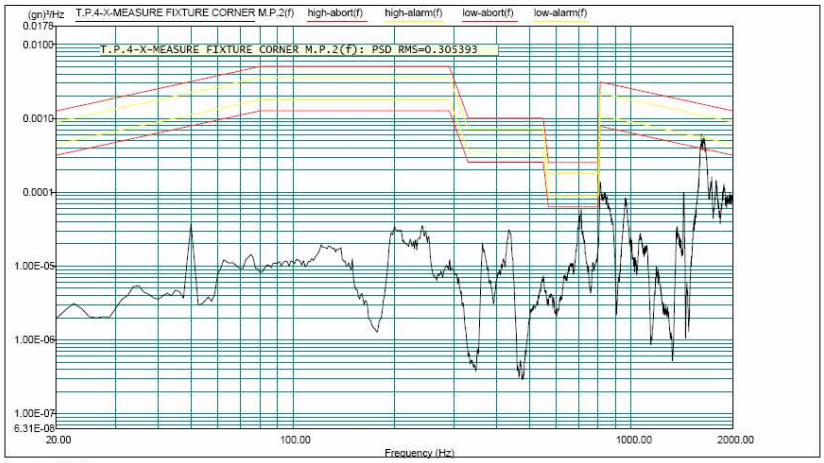
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:56 , martedì, agosto 4, 2009

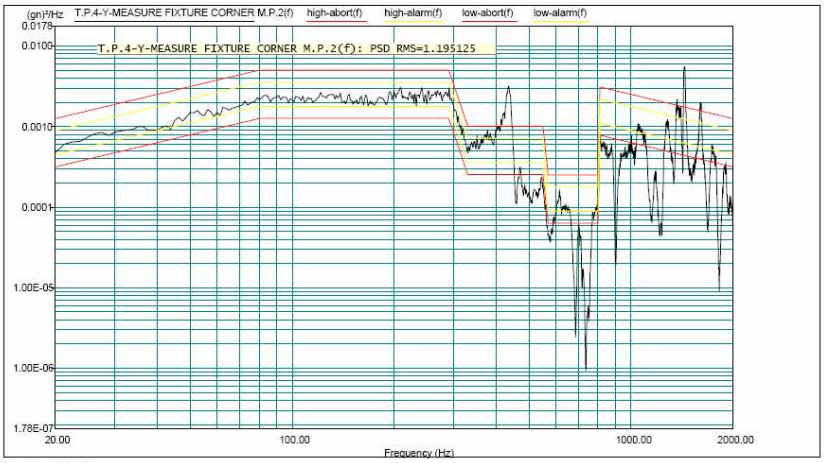
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:57 , martedì, agosto 4, 2009

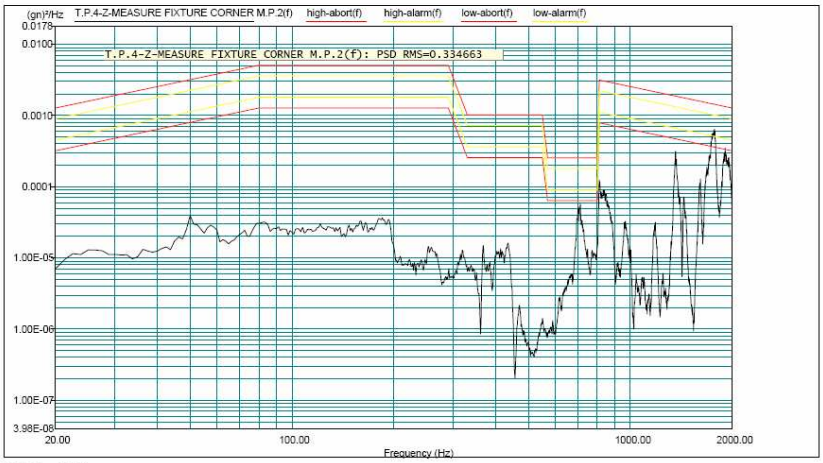
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:58 , martedì, agosto 4, 2009

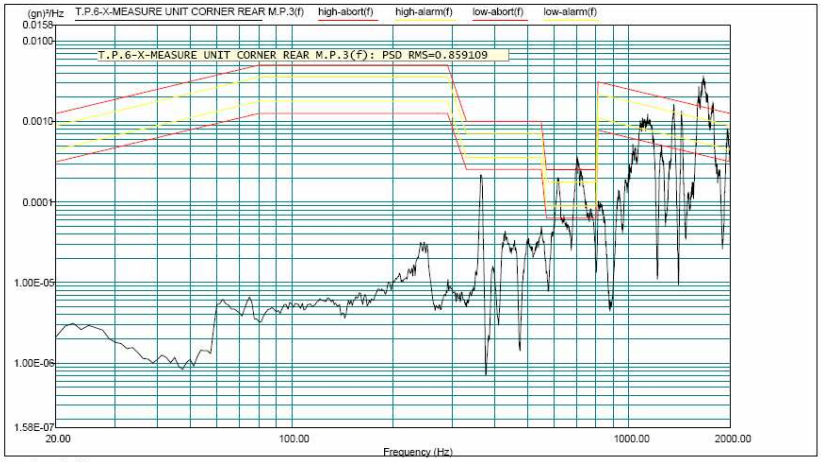
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:45:59 , martedì, agosto 4, 2009

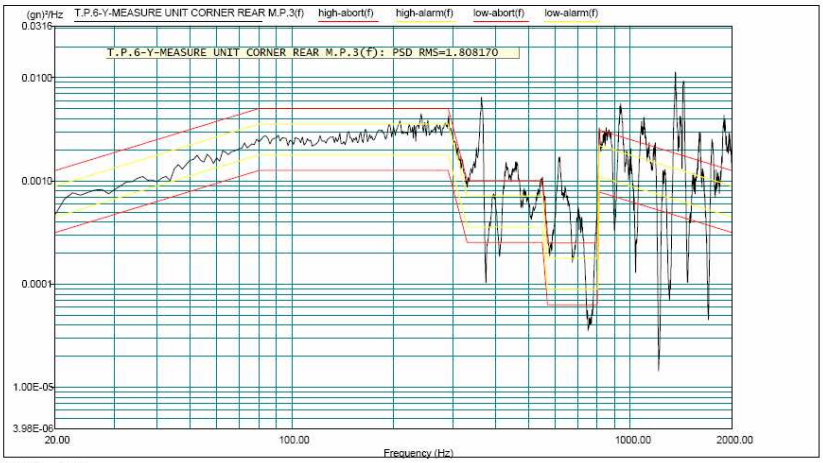
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:46:01 , martedì, agosto 4, 2009

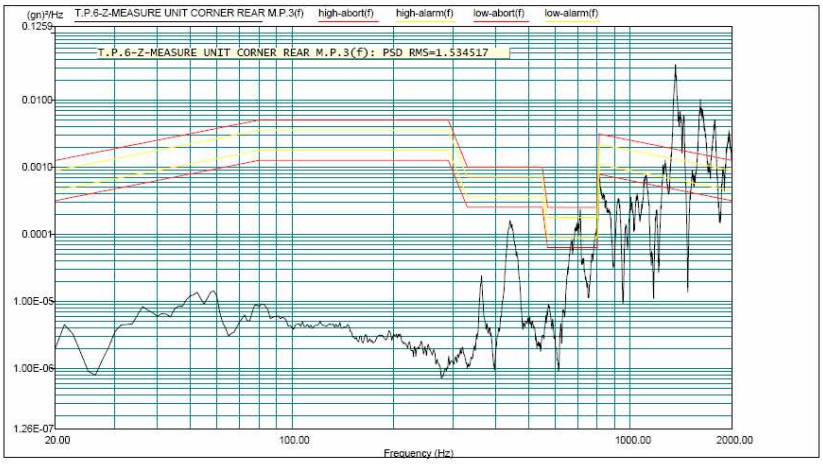
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:46:02 , martedì, agosto 4, 2009

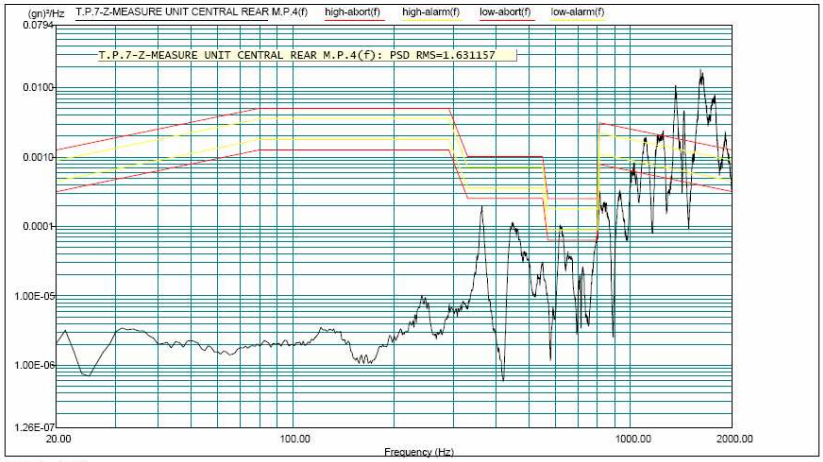
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:46:04 , martedì, agosto 4, 2009

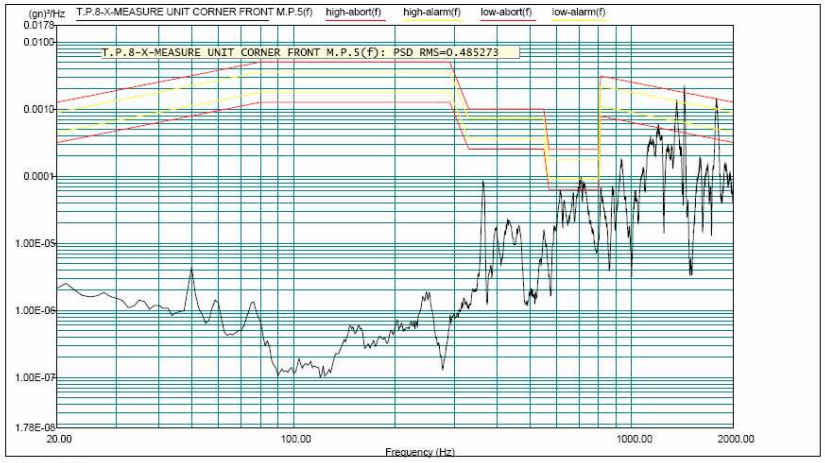
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:46:05 , martedì, agosto 4, 2009

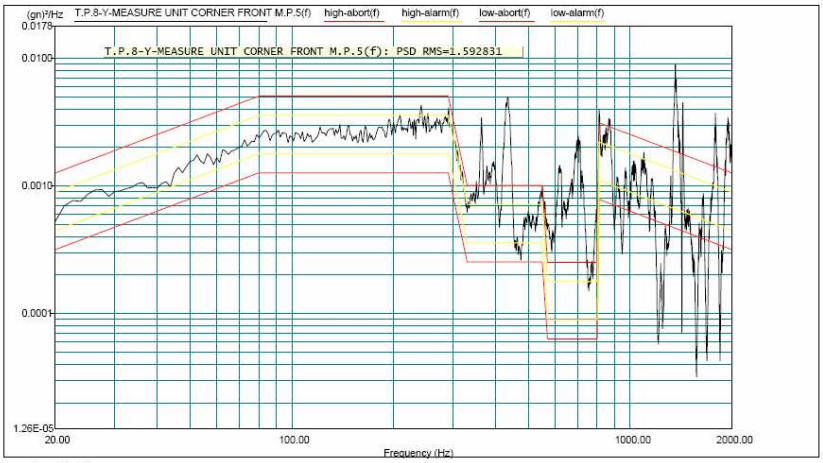
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:47 AM, Tuesday, August 04, 2009 Report created at 09:46:06 , martedì, agosto 4, 2009

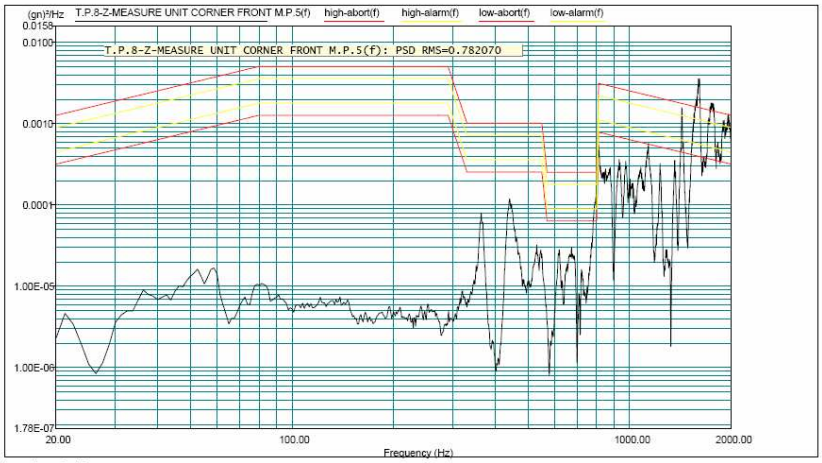
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:48 AM, Tuesday, August 04, 2009 Report created at 09:46:08 , martedì, agosto 4, 2009

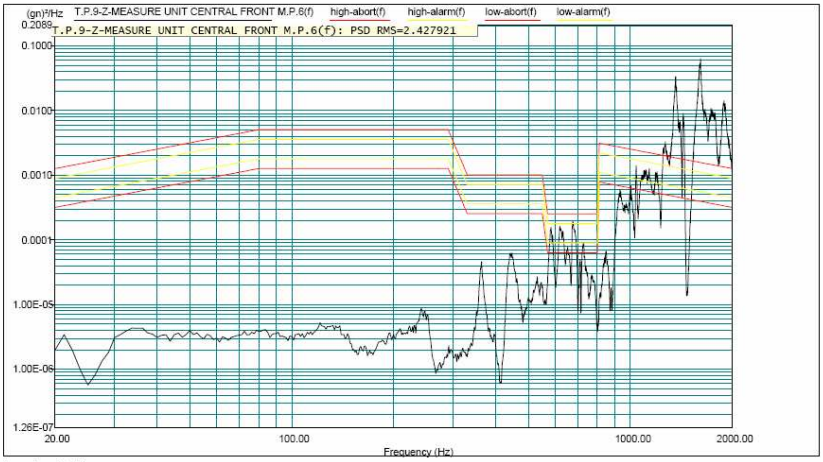
DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:48 AM, Tuesday, August 04, 2009 Report created at 09:46:09 , martedì, agosto 4, 2009

DUT:
Serial Number:
Project File Name: LOW LEVEL RANDOM.prj
Profile Name: RUN 3 RANDOM LOW LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 3 RANDOM LOW LEVEL Y Aug 04, 2009 09-42-40



Level: 0 dB
Control RMS: 1.412346 gn Full Level Elapsed Time: 00:00:29 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 1.401851 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 09:45:48 AM, Tuesday, August 04, 2009 Report created at 09:46:10 , martedì, agosto 4, 2009

ANNEXED 2.3

UNIT: PDS

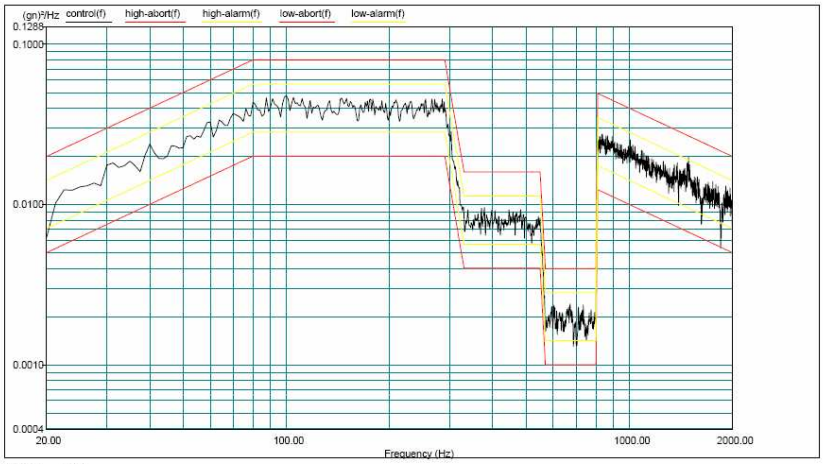
C.I.: PDS 18

S/N: FM01

Y AXIS

FULL LEVEL RANDOM (17 PLOTS)

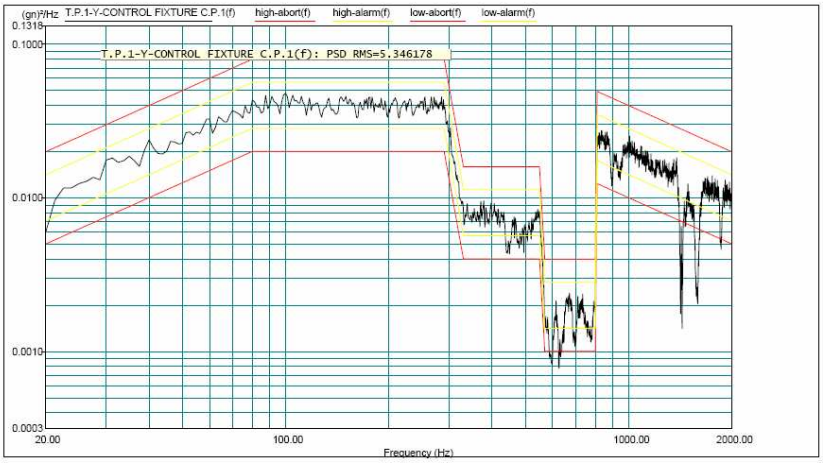
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:14 , martedì, agosto 4, 2009

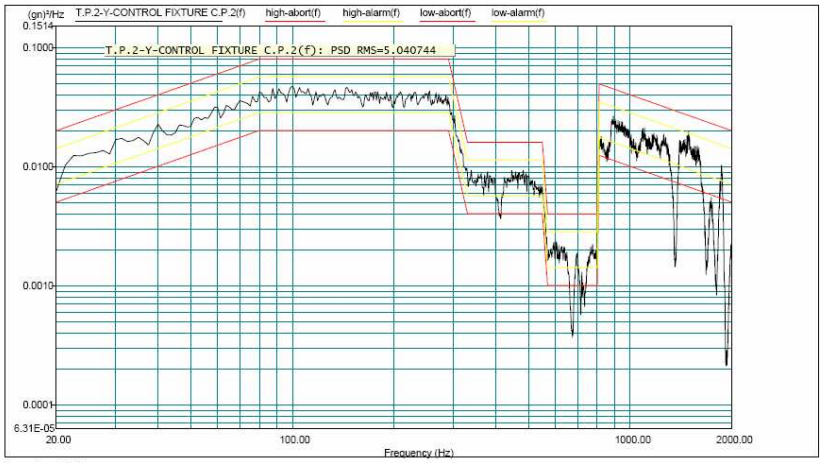
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:15 , martedì, agosto 4, 2009

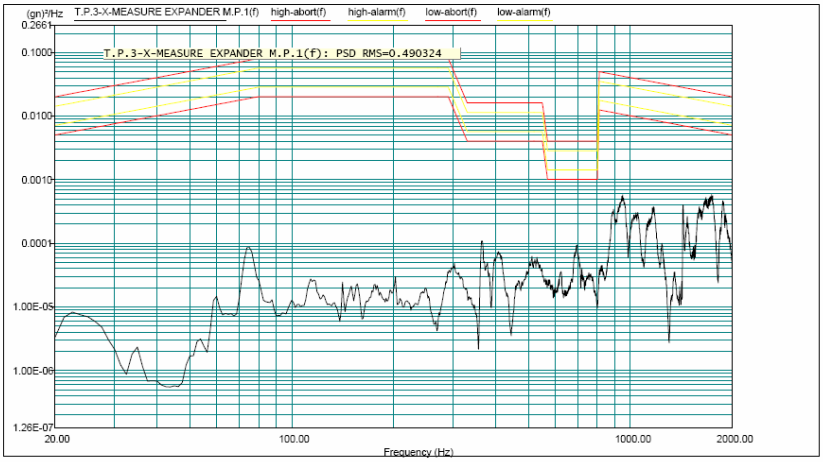
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:17 , martedì, agosto 4, 2009

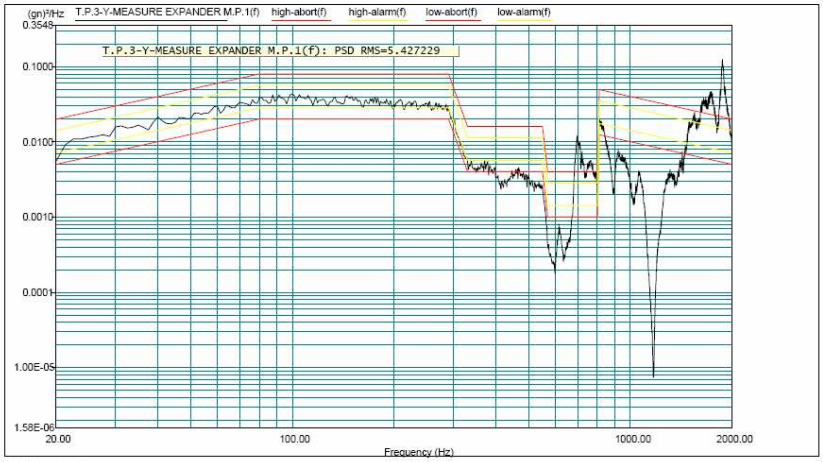
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:18 , martedì, agosto 4, 2009

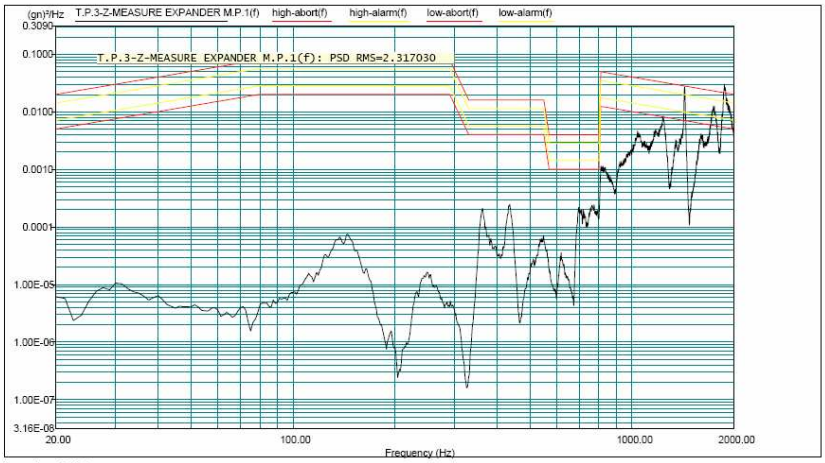
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:19 , martedì, agosto 4, 2009

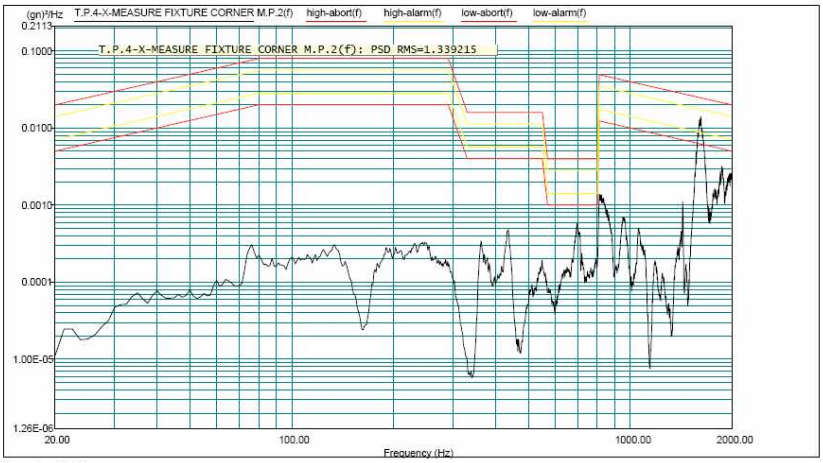
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:20 , martedì, agosto 4, 2009

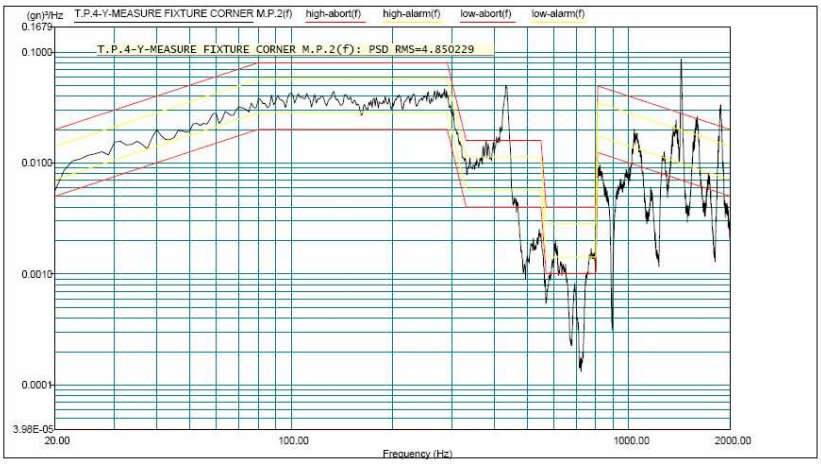
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:22 , martedì, agosto 4, 2009

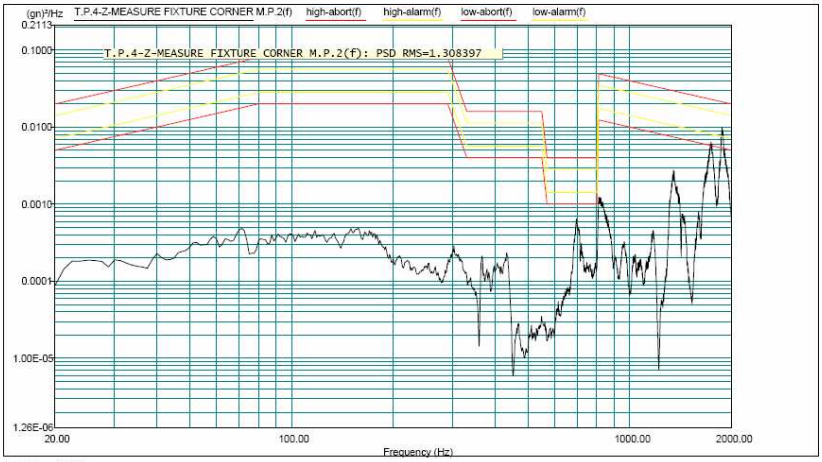
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:23 , martedì, agosto 4, 2009

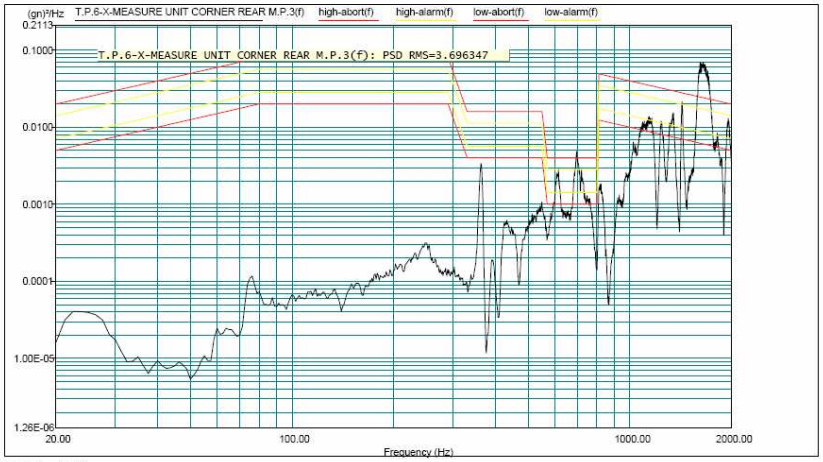
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:24 , martedì, agosto 4, 2009

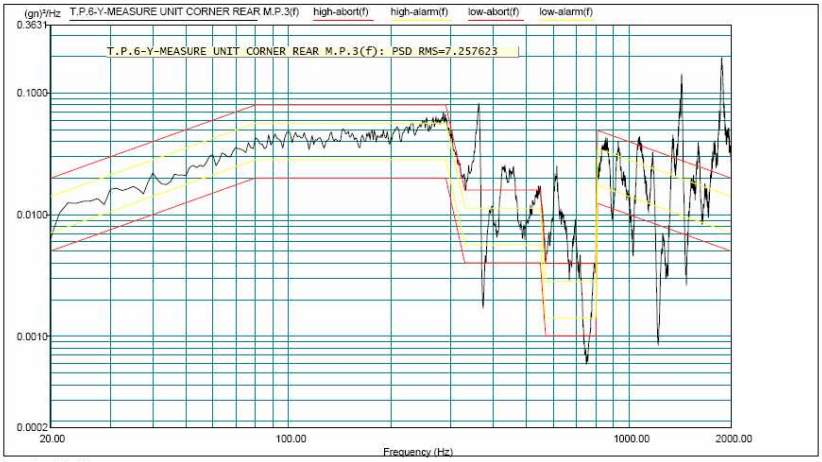
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:26 , martedì, agosto 4, 2009

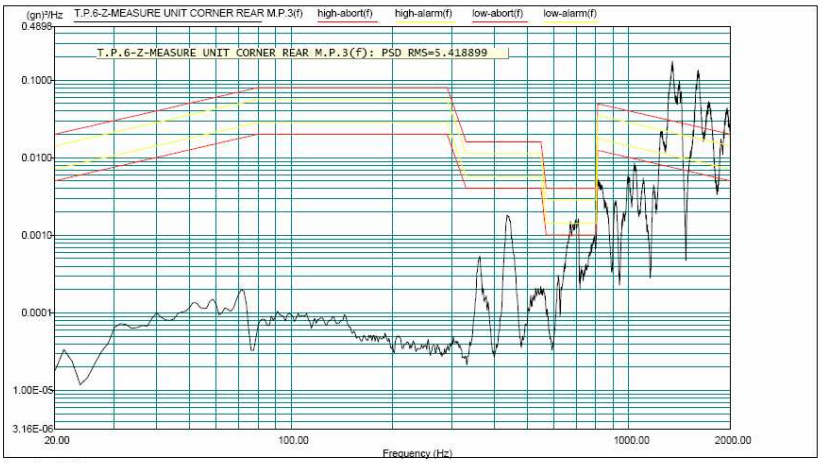
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:27 , martedì, agosto 4, 2009

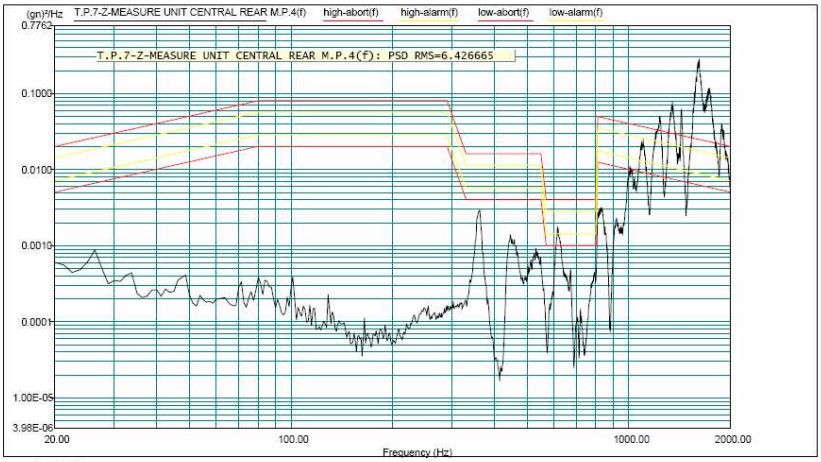
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:29 , martedì, agosto 4, 2009

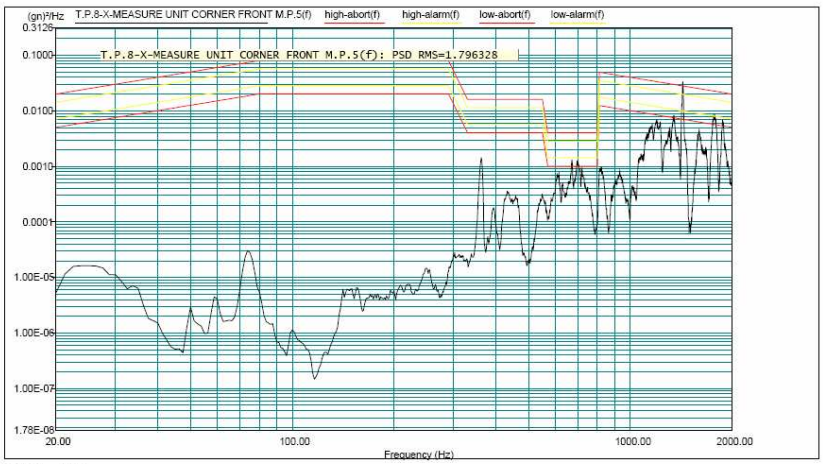
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:30 , martedì, agosto 4, 2009

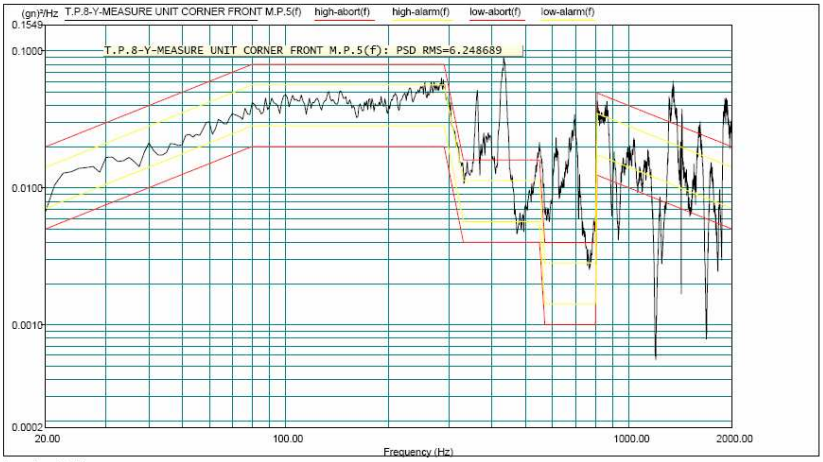
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder: .\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:31 , martedì, agosto 4, 2009

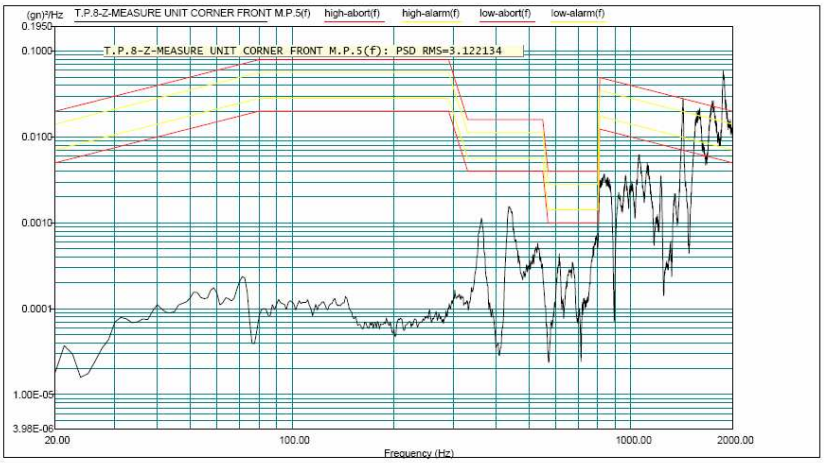
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:32 , martedì, agosto 4, 2009

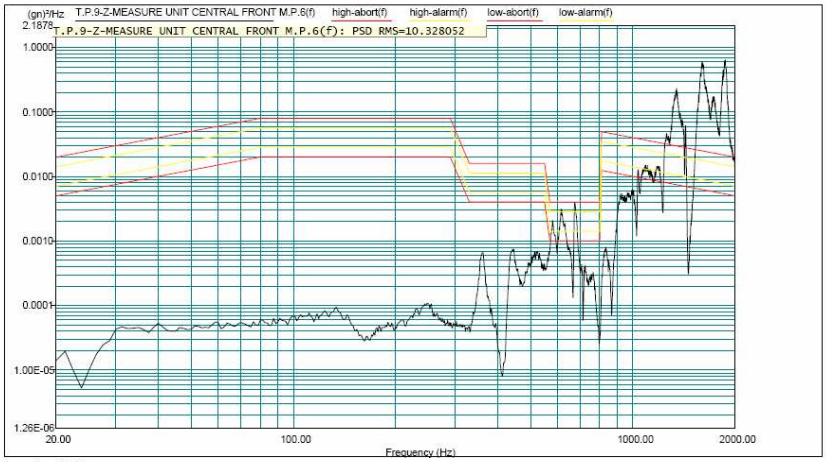
DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:34 , martedì, agosto 4, 2009

DUT:
Serial Number:
Project File Name: FULL LEVEL.prj
Profile Name: RUN 4 RANDOM FULL LEVEL ON Y AXIS Test Type: Random Run Folder:
.\RUN 4 RANDOM FULL LEVEL Y Aug 04, 2009 10-09-03



Level: 0 dB
Control RMS: 5.578091 gn Full Level Elapsed Time: 00:00:59 Lines: 1600 Frame Time: 0.800000 Seconds
Demand RMS: 5.582388 gn Remaining Time: 00:00:00 DOF: 154 dF: 1.250000 Hz

Data saved at 10:13:12 AM, Tuesday, August 04, 2009 Report created at 10:13:35 , martedì, agosto 4, 2009

ANNEXED 2.4

UNIT: PDS

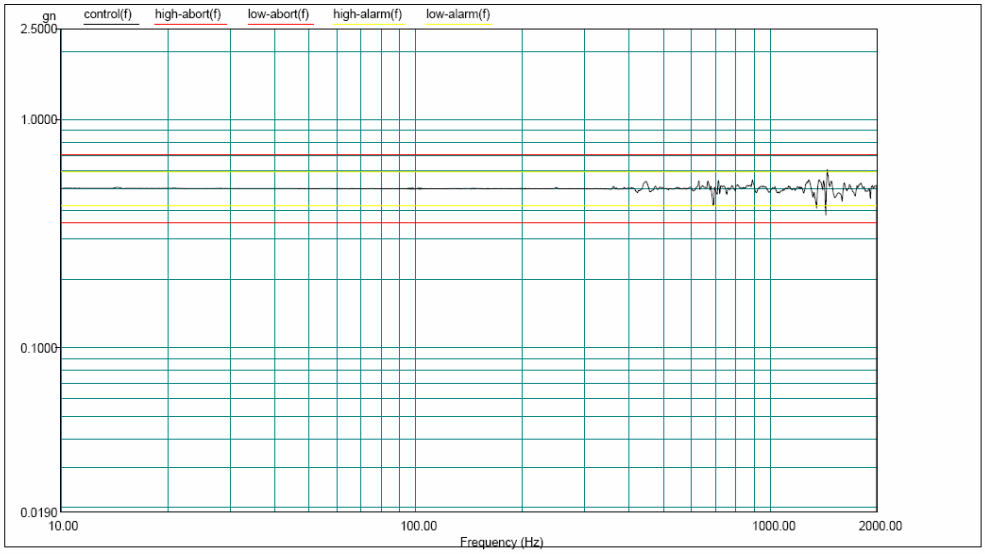
C.I.: PDS 18

S/N: FM01

Y AXIS

RESONANCE SEARCH (17 PLOTS)

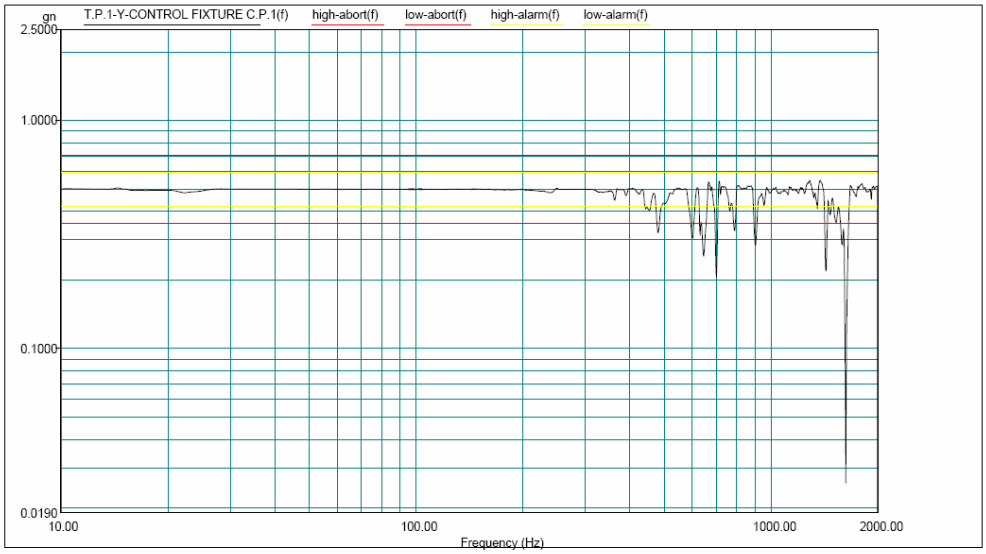
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:16 , martedì, agosto 4, 2009

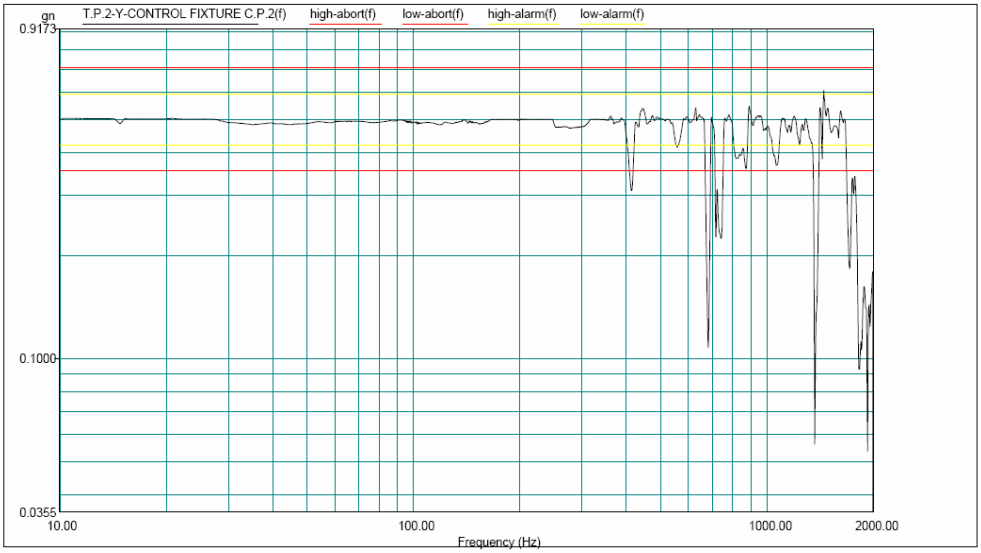
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:18 , martedì, agosto 4, 2009

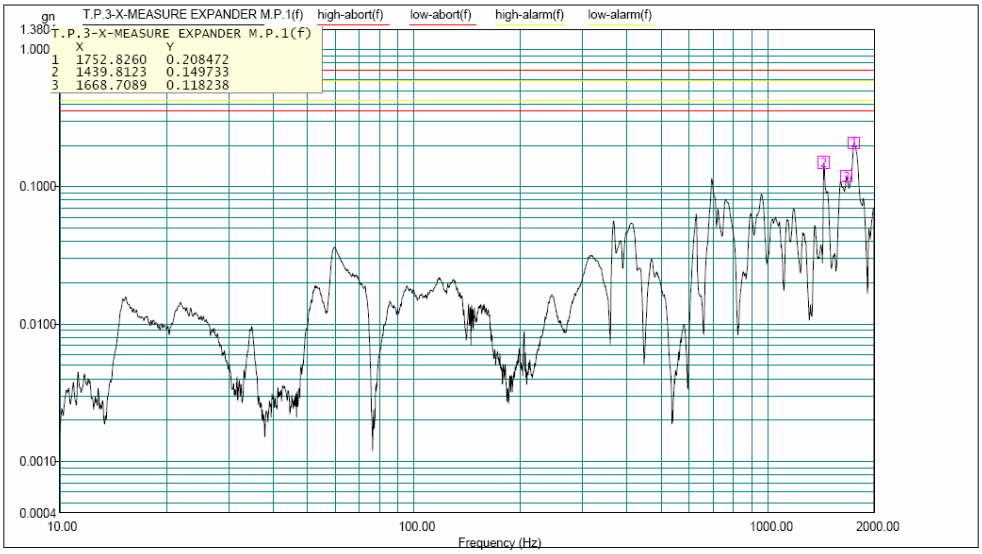
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:20 , martedì, agosto 4, 2009

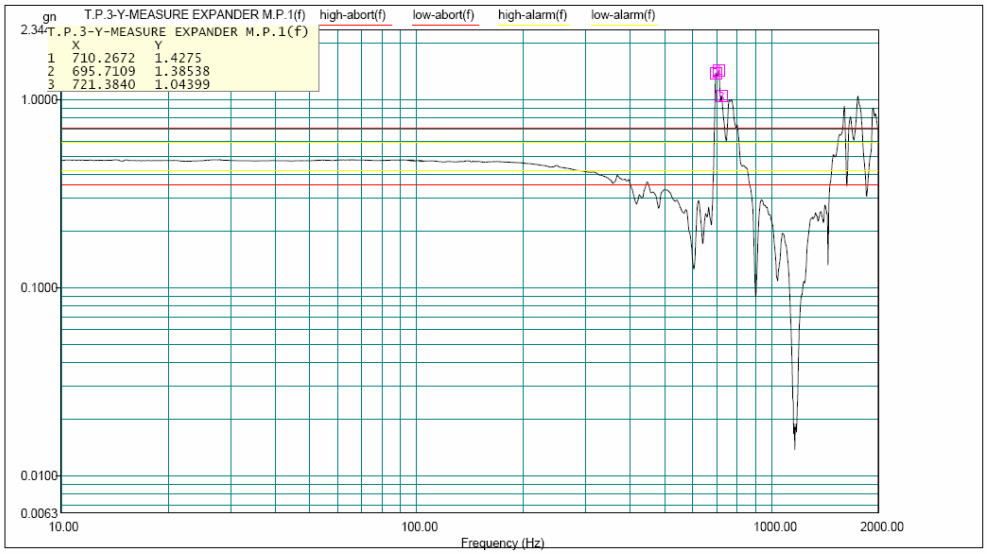
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:22 , martedì, agosto 4, 2009

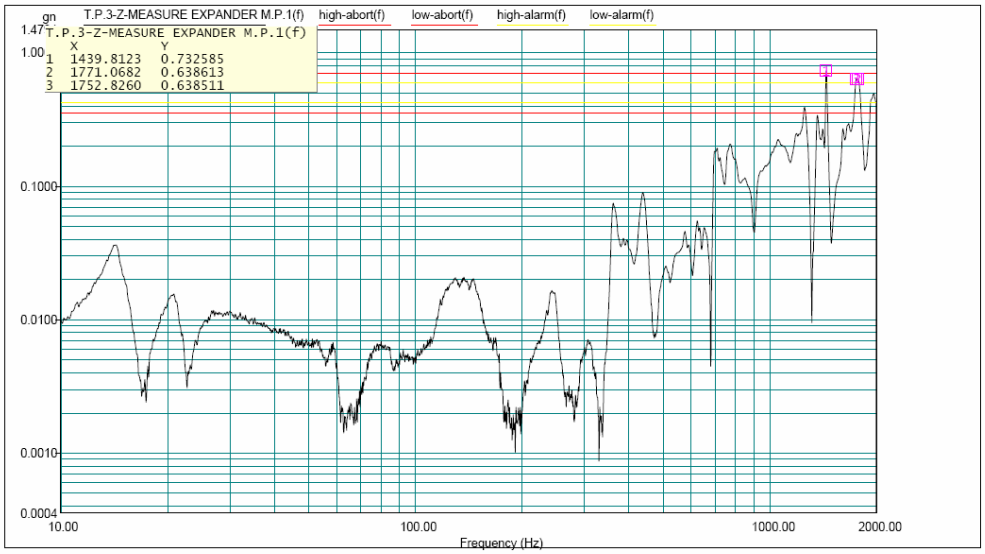
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level: 0 dB Full Level Time: 00:03:49 Sweep Type: Logarithmic
Frequency: 1989.778564 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:24 , martedì, agosto 4, 2009

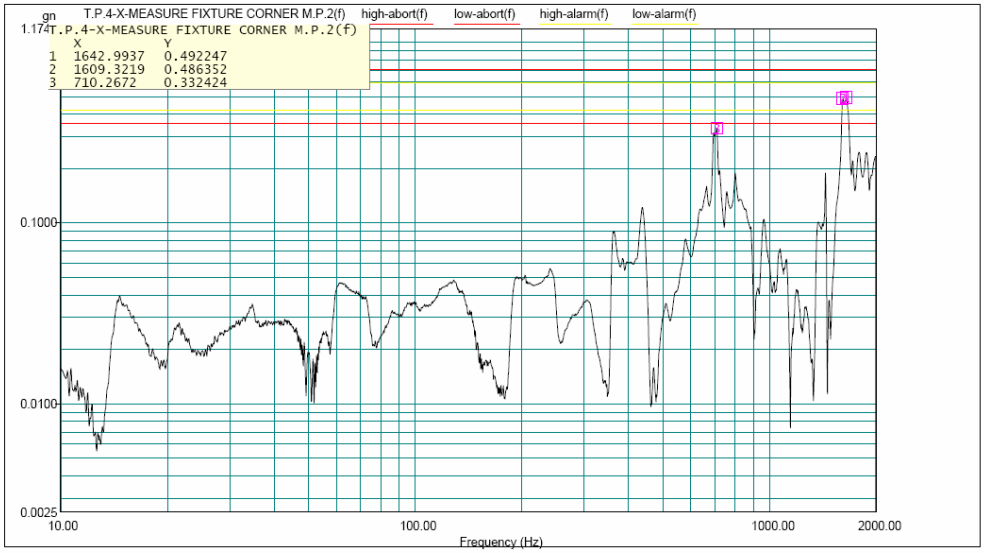
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level: 0 dB Full Level Time: 00:03:49 Sweep Type: Logarithmic
Frequency: 1989.778564 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:26 , martedì, agosto 4, 2009

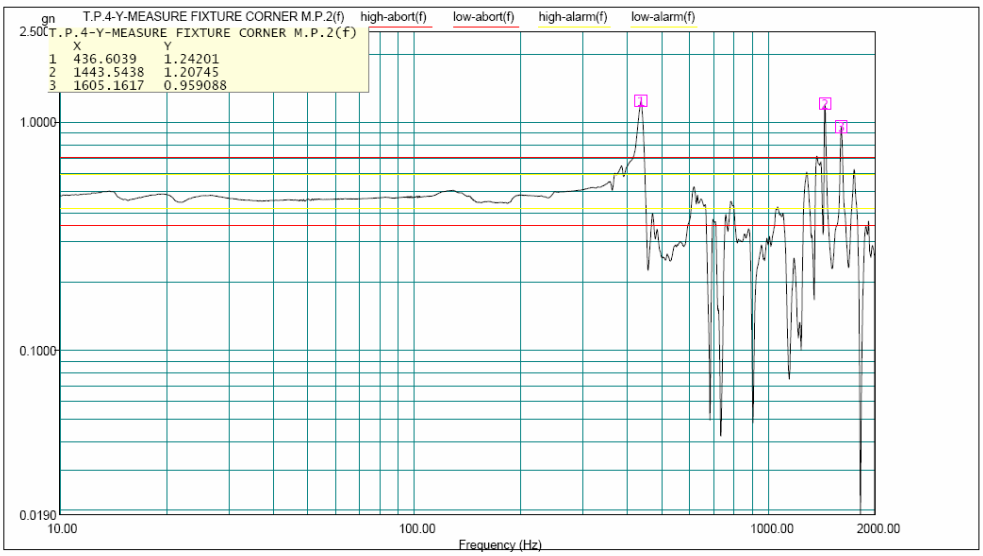
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:28 , martedì, agosto 4, 2009

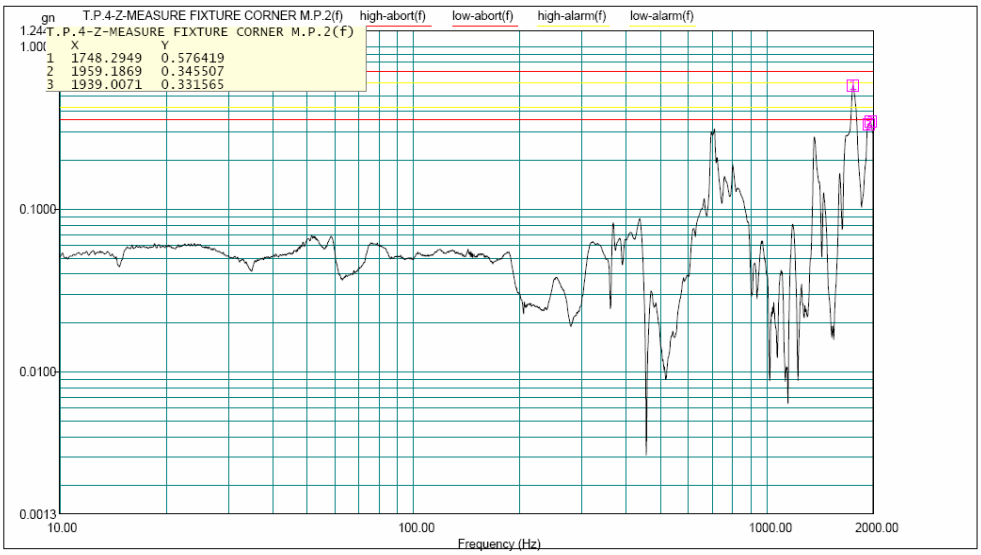
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:30 , martedì, agosto 4, 2009

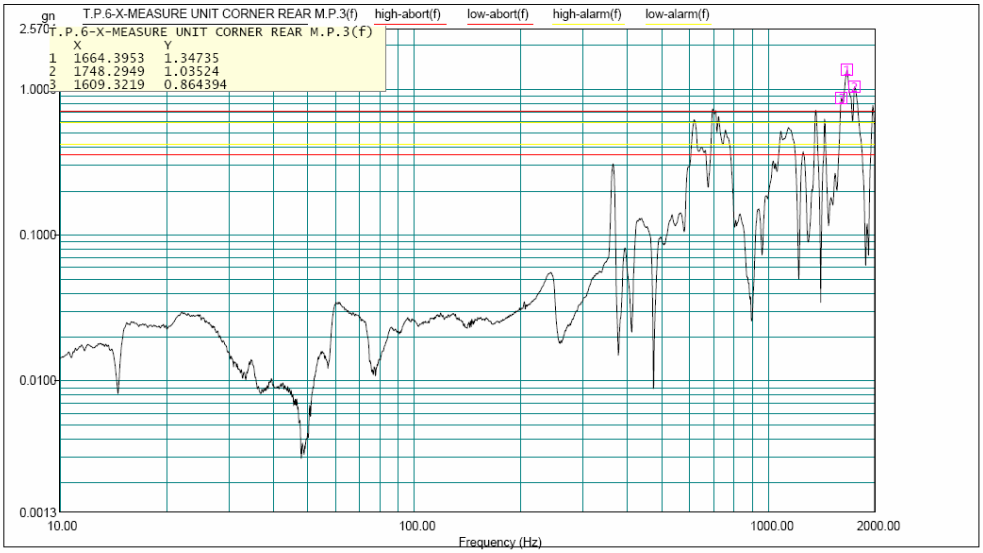
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:32 , martedì, agosto 4, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



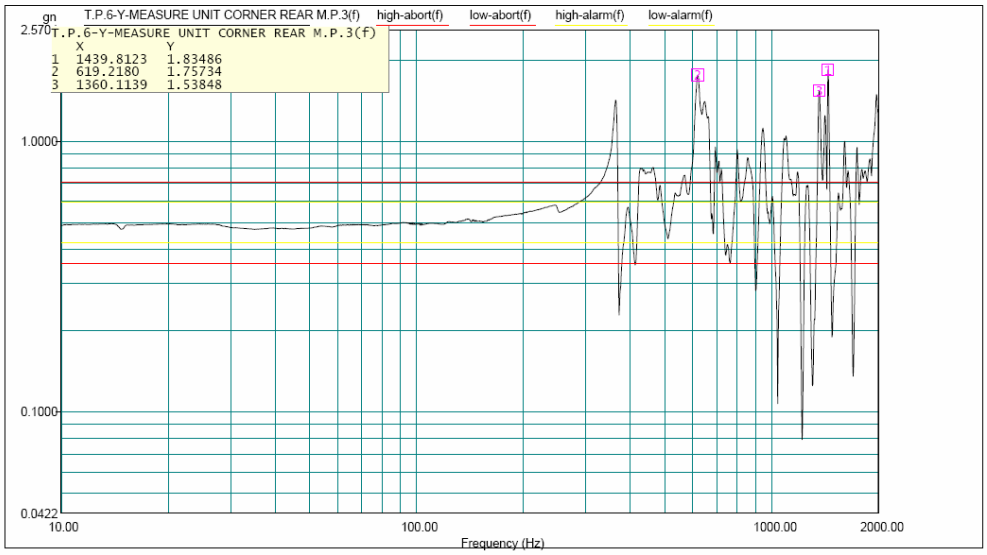
Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:35 , martedì, agosto 4, 2009

Laboratorio per lo Studio degli Effetti delle Radiazioni sui Materiali per lo Spazio
Via Pentima Bassa, 21 Terni - 05100 TR
phone/fax: +39.0744.49.29.13

CUSTOMER: Carlo Gavazzi Space SpA - Via Gallarate, 150 - 20151 Milano MI - Italy - Tel: +39 0238048360 - Fax: +39 023086458

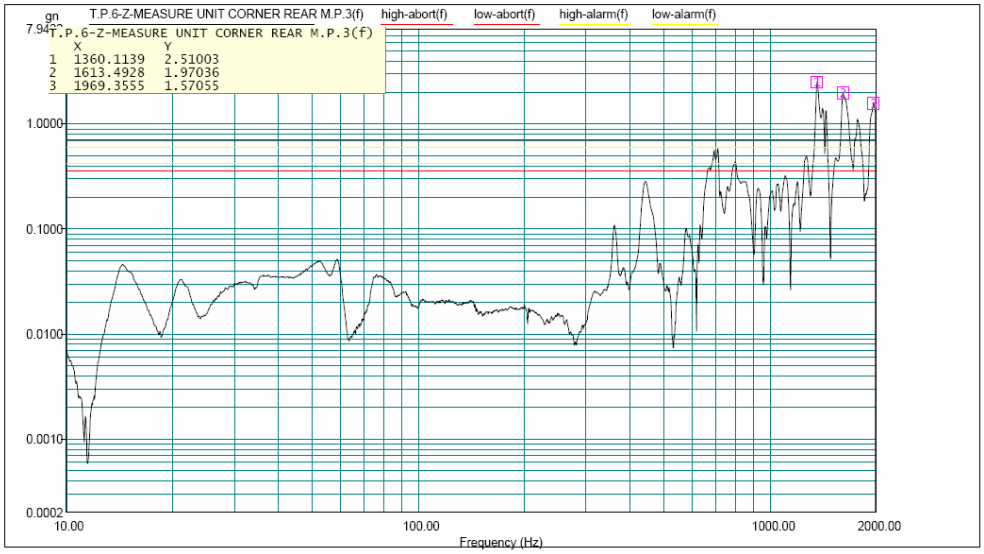
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:37 , martedì, agosto 4, 2009

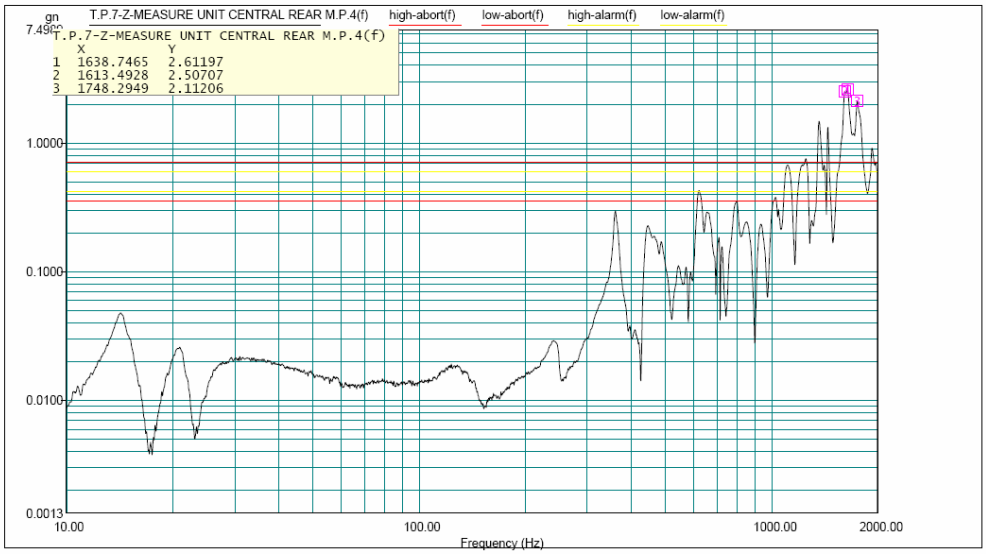
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:39 , martedì, agosto 4, 2009

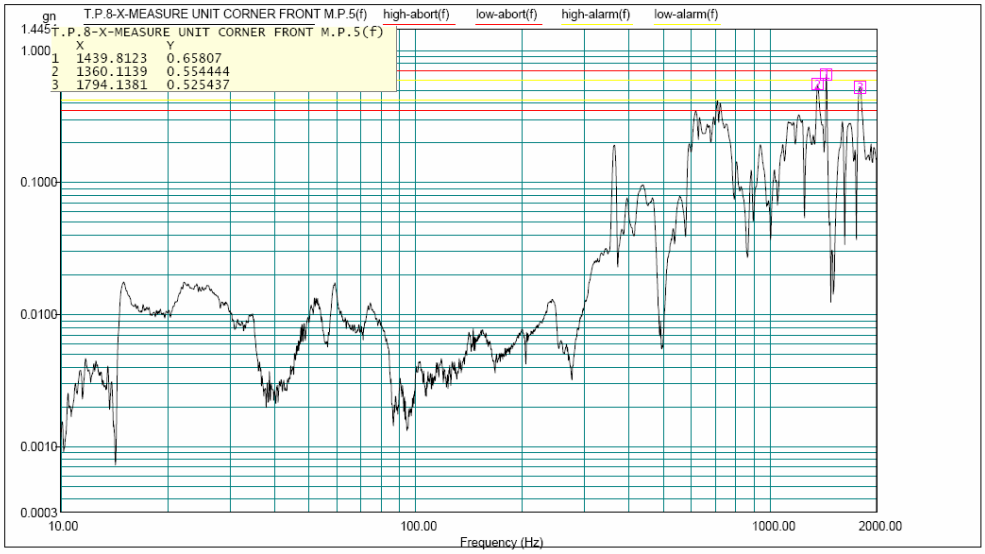
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:41 , martedì, agosto 4, 2009

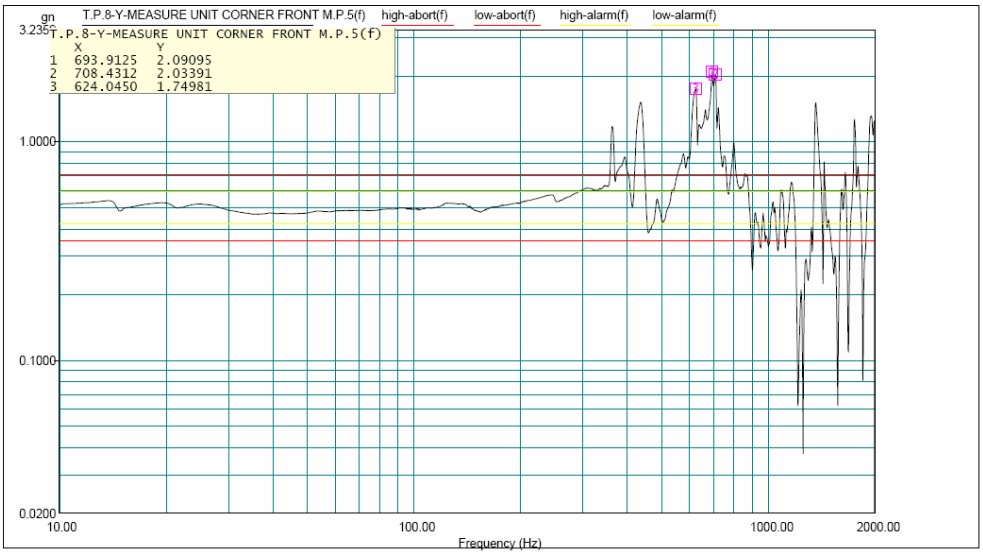
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:43 , martedì, agosto 4, 2009

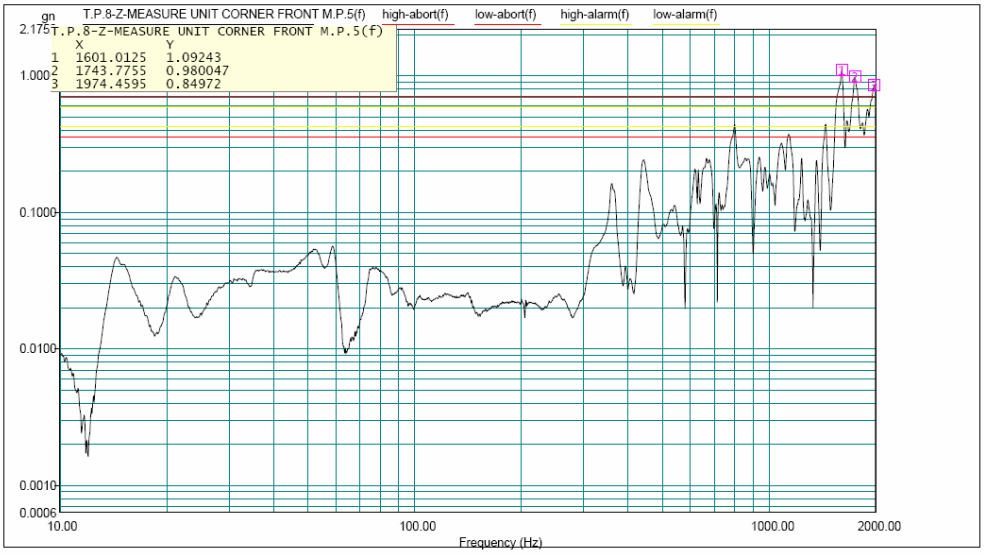
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:45 , martedì, agosto 4, 2009

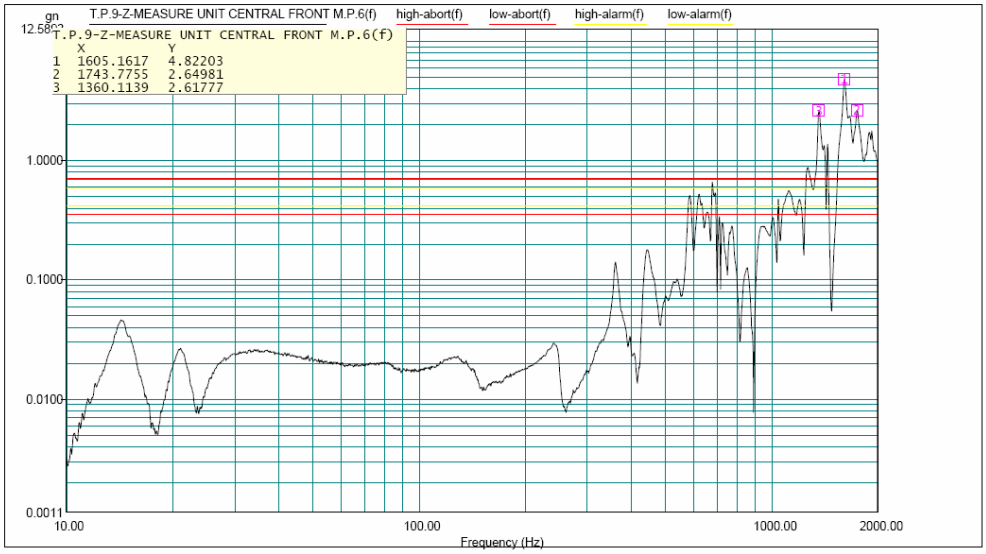
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:48 , martedì, agosto 4, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level:	0 dB	Full Level Time:	00:03:49	Sweep Type:	Logarithmic
Frequency:	1989.778564 Hz	Time Remaining:	00:00:00	Sweep Rate:	2 Oct/Min

Data saved at 10:22:14 AM, Tuesday, August 04, 2009 Report created at 10:22:50 , martedì, agosto 4, 2009

ANNEXED 2.5

UNIT: PDS

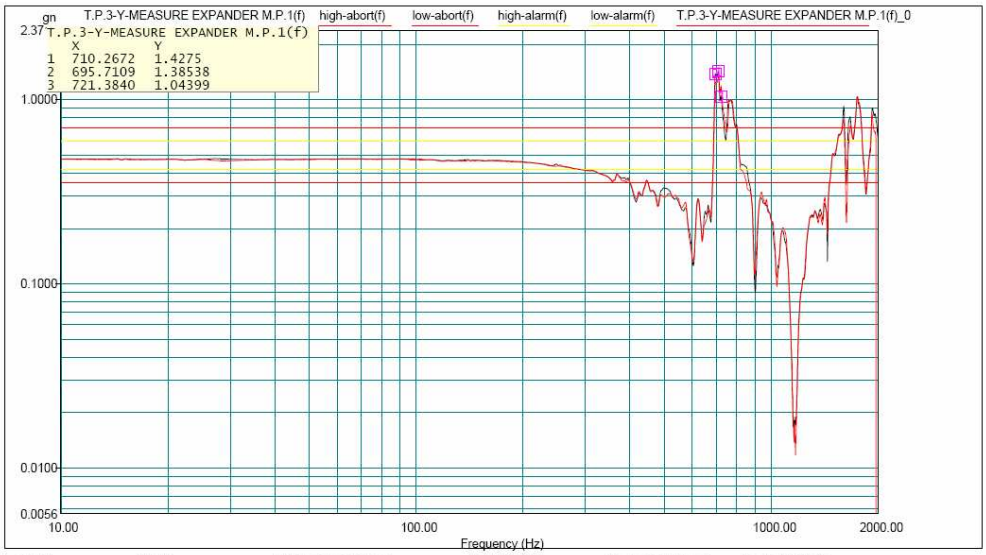
C.I.: PDS 18

S/N: FM01

Y AXIS

OVERLAY OF RESONANCE SEARCH
(4 PLOTS)

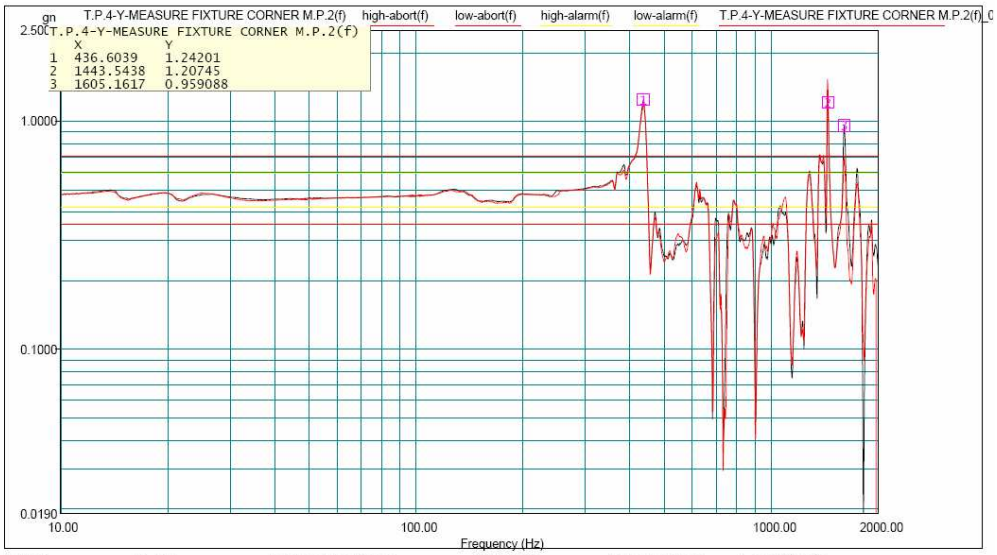
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level: 0 dB Full Level Time: 00:03:49 Sweep Type: Logarithmic
Frequency: 1989.778564 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:28:00 AM, Tuesday, August 04, 2009 Report created at 10:28:10 , martedì, agosto 4, 2009

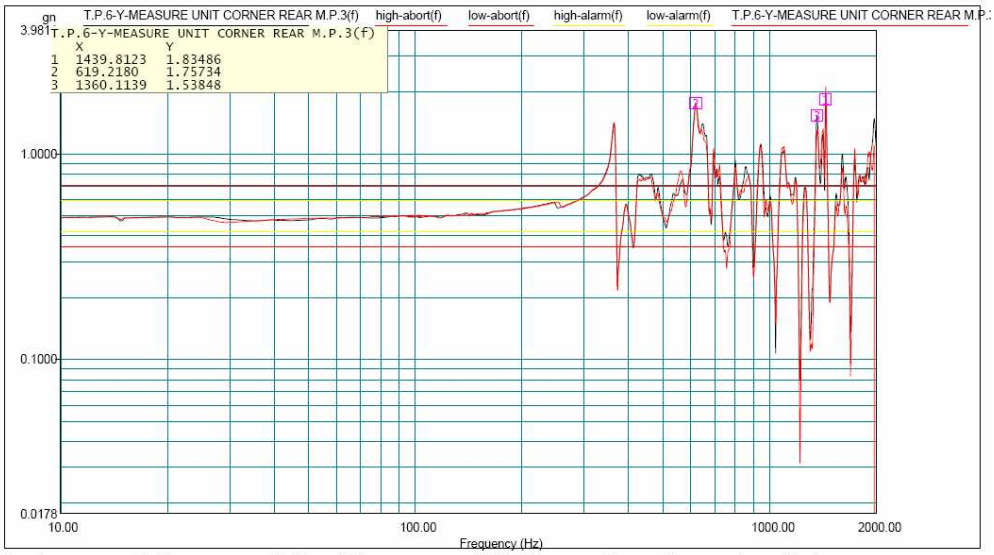
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level: 0 dB Full Level Time: 00:03:49 Sweep Type: Logarithmic
Frequency: 1989.778564 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:28:00 AM, Tuesday, August 04, 2009 Report created at 10:28:18 , martedì, agosto 4, 2009

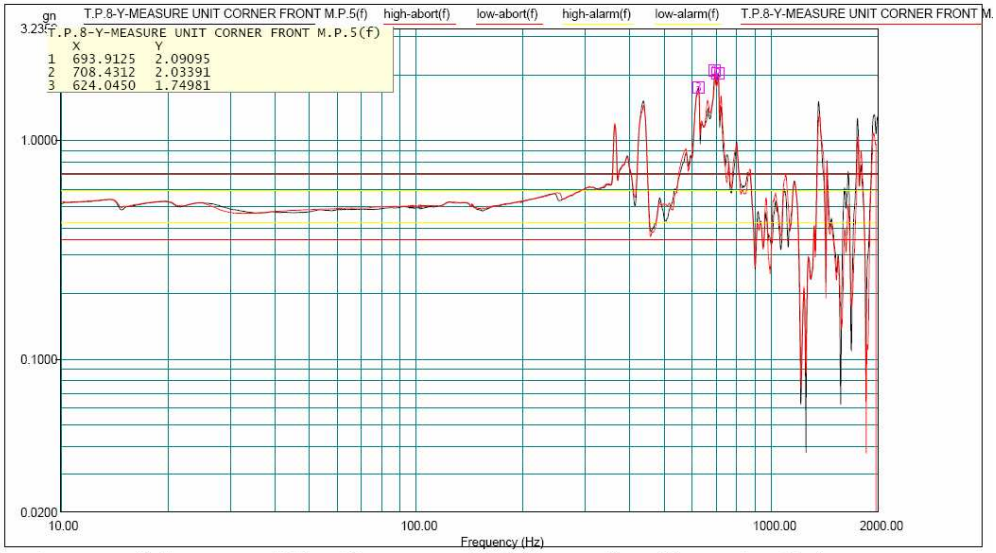
Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level: 0 dB Full Level Time: 00:03:49 Sweep Type: Logarithmic
Frequency: 1989.778564 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:28:00 AM, Tuesday, August 04, 2009 Report created at 10:28:26 , martedì, agosto 4, 2009

Project File Name: RESONANCE SEARCH.prj
Profile Name: RUN 5 RESONANCE SEARCH ON Y AXIS Test Type: Swept Sine Run
Folder: .\RUN 5 RES SEA Y Aug 04, 2009 10-18-09



Level: 0 dB Full Level Time: 00:03:49 Sweep Type: Logarithmic
Frequency: 1989.778564 Hz Time Remaining: 00:00:00 Sweep Rate: 2 Oct/Min

Data saved at 10:28:00 AM, Tuesday, August 04, 2009 Report created at 10:28:36 , martedì, agosto 4, 2009