



## Sine Sweep with Resonance Dwell Vibration Test

Customer Name  
Company Name  
123 Main Street  
Anytown USA

**PURCHASE ORDER: P003921**

**JOB NO: 2030**

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**PRODUCT TESTED:**

Brass Bar

**DATE(S) TESTED:**

3/12/2008

**TEST PROCEDURE:**

Procedure 31-b

**DATA AND OBSERVATIONS:**

No defects observed

**ACCEPTANCE LEVEL:**

No critical failures

**TEST RESULTS:**

PASSED

**TEST EQUIPMENT:**

VR5200

Accelerometers:

Sensitivity	S/N and Cal. date
Ch1: 101.399 mV/G	(0002828, 03/28/07)
Ch2: 98.559 mV/G	(11959, 12/04/07)

Controller:

S/N 0396ec Calibration Due Date: Mar 08, 2009

**APPROVAL SIGNATURE SECTION:**

Written By:

\_\_\_\_\_  
Technician Name, Laboratory Technician

3/12/2008  
Date

Approved By:

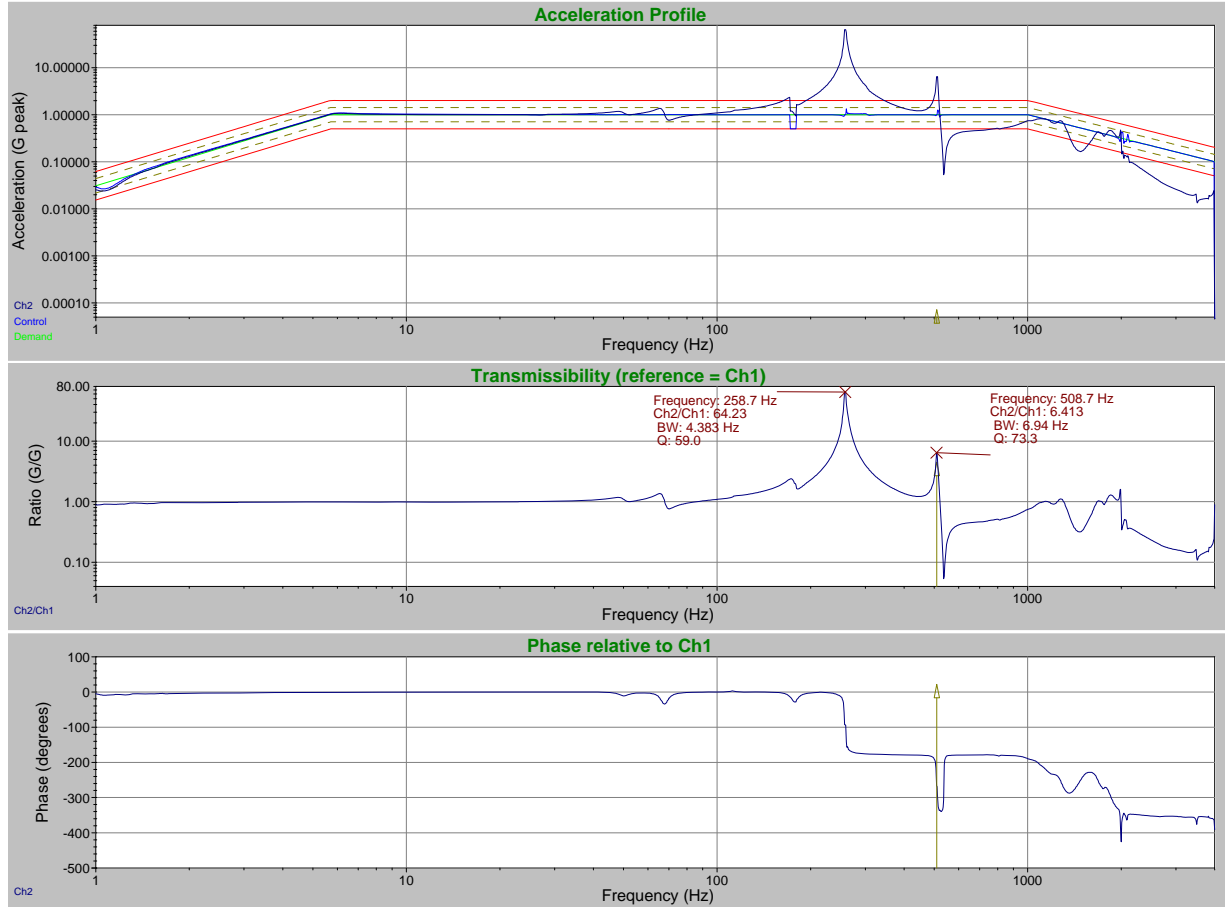
\_\_\_\_\_  
Laboratory Manager

\_\_\_\_\_  
Date

## APPENDIX A (Graphs, Test Data, Pictures)

Data: C:\VibrationVIEW\Data\SampleReport\2008-03\2008Mar12-1446-0001 (2).vsd  
 Test: C:\VibrationVIEW\Profiles\Sample Report - Sine.vsp  
 Data stored on Mar 12, 2008 15:41:20  
 2030

### End of Timed Test



### Breakpoint table:

Start Freq.	Amplitude	End Freq.	Amplitude
1 Hz	0.6 in	5.70956 Hz	0.6 in
5.70956 Hz	1 G	1000 Hz	1 G
1000 Hz	1 G	4000 Hz	0.1 G

### Sweep rate:

Sweep between 1 Hz and 5.70956 Hz at 3 Oct/min  
 Sweep between 5.70956 Hz and 1000 Hz at 3 Oct/min  
 Sweep between 1000 Hz and 4000 Hz at 3 Oct/min

### Test level schedule:

	Duration	Level
1)	Start Recorder	
2)	Enter Form	
3)	10 sweeps	100 %
4)	Resonance table	
5)	0:05:00	50 % at 172.3 Hz (hold Ch2-Ch1 at -90.0 deg)
6)	0:05:00	100 % at 258.7 Hz (hold Ch2-Ch1 at -90.0 deg)
7)	0:05:00	100 % at 510.9 Hz (hold Ch2-Ch1 at 90.0 deg)
8)	Enter Form	
9)	Stop Recorder	

\*\* Test started Mar 12, 2008 14:46:27, running for 0:53:17

\*\* Current level: 7, running at 100 % at 510.9 Hz (hold Ch2-Ch1 at 90.0 deg), 0:05:00 of 0:05:00 complete

**Current Measurements:**

Demand: 1 G at 509.988 Hz                      Ch1: 0.999947 G  
Control: 0.9999 G                                      Ch2: 6.33796 G  
Control Vel.: 0.1205 in/s                          Ch3: 0.00111451 G  
Control Disp.: 7.52e-005 in                      Ch4: 0.0002538 G  
Drive voltage: 0.04631 Volts peak  
System gain: 0.0463151 Volts/G

**Pictures:**

**Test notes:**

Date	Acceleration	Velocity	Displacement	Phase
Mar 12, 2008 14:46:27	Paused			
Mar 12, 2008 14:47:36	Changing Level			
Mar 12, 2008 14:47:41	Running			
Mar 12, 2008 14:47:41	Ch1: 0.987482 G	1.21357 in/s	0.00772585 in	17.6122 deg.
Mar 12, 2008 14:47:41	Ch2: 1.07115 G	1.3164 in/s	0.00838047 in	6.84331 deg.
Mar 12, 2008 14:48:11	Ch1: 0.989559 G	3.38235 in/s	0.0598877 in	86.217 deg.
Mar 12, 2008 14:48:11	Ch2: 0.975717 G	3.33503 in/s	0.0590499 in	85.7551 deg.
Mar 12, 2008 14:48:41	Ch1: 0.94455 G	9.11253 in/s	0.455403 in	142.512 deg.
Mar 12, 2008 14:48:41	Ch2: 0.925165 G	8.92551 in/s	0.446057 in	141.335 deg.
Mar 12, 2008 14:49:11	Ch1: 0.146956 G	4.01142 in/s	0.56722 in	172.323 deg.
Mar 12, 2008 14:49:11	Ch2: 0.142317 G	3.8848 in/s	0.549316 in	169.159 deg.
Mar 12, 2008 14:49:41	Ch1: 0.0454051 G	2.21254 in/s	0.558498 in	-172.321 deg.
Mar 12, 2008 14:49:41	Ch2: 0.041809 G	2.03731 in/s	0.514265 in	-179.437 deg.
Mar 12, 2008 14:50:11	Ch1: 0.41412 G	7.13209 in/s	0.636284 in	164.615 deg.
Mar 12, 2008 14:50:11	Ch2: 0.404405 G	6.96477 in/s	0.621357 in	162.441 deg.
Mar 12, 2008 14:50:41	Ch1: 1.02728 G	6.25291 in/s	0.19716 in	120.882 deg.
Mar 12, 2008 14:50:41	Ch2: 1.01 G	6.14772 in/s	0.193843 in	119.856 deg.
Mar 12, 2008 14:51:11	Ch1: 1.0088 G	2.16173 in/s	0.0239961 in	49.8496 deg.
Mar 12, 2008 14:51:11	Ch2: 1.01587 G	2.17688 in/s	0.0241642 in	49.5667 deg.
Mar 12, 2008 14:51:41	Ch1: 0.9988 G	0.755261 in/s	0.00295841 in	-3.04484 deg.
Mar 12, 2008 14:51:41	Ch2: 0.950884 G	0.719029 in/s	0.00281649 in	-4.54187 deg.
Mar 12, 2008 14:52:11	Ch1: 0.992347 G	0.265163 in/s	0.000367034 in	-25.9986 deg.
Mar 12, 2008 14:52:11	Ch2: 4.84905 G	1.29571 in/s	0.00179349 in	-28.6437 deg.
Mar 12, 2008 14:52:41	Ch1: 0.998412 G	0.0942887 in/s	4.61267e-005 in	-45.8137 deg.
Mar 12, 2008 14:52:41	Ch2: 0.44694 G	0.0422085 in/s	2.06487e-005 in	134.742 deg.
Mar 12, 2008 14:53:11	Ch1: 0.363632 G	0.012137 in/s	2.09849e-006 in	-55.9528 deg.
Mar 12, 2008 14:53:11	Ch2: 0.466177 G	0.0155597 in/s	2.69026e-006 in	11.8207 deg.
Mar 12, 2008 14:53:41	Ch1: 0.155079 G	0.00310239 in/s	3.215e-007 in	-79.9939 deg.
Mar 12, 2008 14:53:41	Ch2: 0.0243093 G	0.000486313 in/s	5.03966e-008 in	-74.2263 deg.
Mar 12, 2008 14:54:11	Ch1: 0.873166 G	0.0494241 in/s	1.44919e-005 in	-52.286 deg.
Mar 12, 2008 14:54:11	Ch2: 0.809374 G	0.0458133 in/s	1.34331e-005 in	104.865 deg.
Mar 12, 2008 14:54:41	Ch1: 1.00379 G	0.160762 in/s	0.000133374 in	-32.1254 deg.
Mar 12, 2008 14:54:41	Ch2: 1.50643 G	0.241263 in/s	0.000200159 in	148.952 deg.
Mar 12, 2008 14:55:11	Ch1: 1.00114 G	0.446306 in/s	0.00103066 in	-16.6356 deg.
Mar 12, 2008 14:55:11	Ch2: 1.45036 G	0.646569 in/s	0.00149313 in	-17.1768 deg.
Mar 12, 2008 14:55:41	Ch1: 1.00077 G	1.26141 in/s	0.00823611 in	18.6241 deg.
Mar 12, 2008 14:55:41	Ch2: 1.1605 G	1.46274 in/s	0.00955062 in	9.70777 deg.
Mar 12, 2008 14:56:11	Ch1: 0.988332 G	3.51555 in/s	0.0647779 in	89.3212 deg.
Mar 12, 2008 14:56:11	Ch2: 0.973748 G	3.46367 in/s	0.063822 in	88.8387 deg.
Mar 12, 2008 14:56:41	Ch1: 0.942089 G	9.45995 in/s	0.492072 in	144.731 deg.
Mar 12, 2008 14:56:41	Ch2: 0.92357 G	9.274 in/s	0.4824 in	143.512 deg.
Mar 12, 2008 14:57:11	Ch1: 0.135164 G	3.84019 in/s	0.565184 in	173.314 deg.
Mar 12, 2008 14:57:11	Ch2: 0.129042 G	3.66627 in/s	0.539586 in	169.775 deg.
Mar 12, 2008 14:57:41	Ch1: 0.0517923 G	2.43271 in/s	0.591912 in	-173.094 deg.
Mar 12, 2008 14:57:41	Ch2: 0.04771 G	2.24096 in/s	0.545258 in	-178.955 deg.
Mar 12, 2008 14:58:11	Ch1: 0.444189 G	7.37389 in/s	0.634115 in	163.673 deg.
Mar 12, 2008 14:58:11	Ch2: 0.433229 G	7.19194 in/s	0.618468 in	161.721 deg.
Mar 12, 2008 14:58:41	Ch1: 1.02442 G	6.01045 in/s	0.182675 in	118.984 deg.
Mar 12, 2008 14:58:41	Ch2: 1.00577 G	5.90106 in/s	0.179351 in	117.897 deg.

Mar 12, 2008 14:59:11	Ch1:	1.01176 G	2.08964 in/s	0.0223568 in	50.7764 deg.
Mar 12, 2008 14:59:11	Ch2:	1.02263 G	2.11209 in/s	0.022597 in	50.5355 deg.
Mar 12, 2008 14:59:41	Ch1:	0.998866 G	0.728031 in/s	0.00274875 in	-4.22306 deg.
Mar 12, 2008 14:59:41	Ch2:	0.980282 G	0.714486 in/s	0.00269761 in	-5.28806 deg.
Mar 12, 2008 15:00:11	Ch1:	0.987522 G	0.254351 in/s	0.000339363 in	-25.2191 deg.
Mar 12, 2008 15:00:11	Ch2:	6.89146 G	1.775 in/s	0.00236826 in	-29.9515 deg.
Mar 12, 2008 15:00:41	Ch1:	0.998551 G	0.0908987 in/s	4.28635e-005 in	-46.6976 deg.
Mar 12, 2008 15:00:41	Ch2:	0.454723 G	0.0413937 in/s	1.95193e-005 in	133.914 deg.
Mar 12, 2008 15:01:11	Ch1:	0.336273 G	0.0108188 in/s	1.80306e-006 in	-62.9232 deg.
Mar 12, 2008 15:01:11	Ch2:	0.379376 G	0.0122055 in/s	2.03417e-006 in	-24.8382 deg.
Mar 12, 2008 15:01:41	Ch1:	0.164849 G	0.00342129 in/s	3.67823e-007 in	-79.0508 deg.
Mar 12, 2008 15:01:41	Ch2:	0.0267564 G	0.000555306 in/s	5.97008e-008 in	-72.4539 deg.
Mar 12, 2008 15:02:11	Ch1:	0.928343 G	0.0545147 in/s	1.65829e-005 in	-52.9667 deg.
Mar 12, 2008 15:02:11	Ch2:	0.752605 G	0.0441949 in/s	1.34437e-005 in	112.12 deg.
Mar 12, 2008 15:02:41	Ch1:	1.00483 G	0.167501 in/s	0.000144639 in	-30.4664 deg.
Mar 12, 2008 15:02:41	Ch2:	1.6741 G	0.279065 in/s	0.000240976 in	151.039 deg.
Mar 12, 2008 15:03:11	Ch1:	1.0009 G	0.472081 in/s	0.00115341 in	-15.4465 deg.
Mar 12, 2008 15:03:11	Ch2:	1.36429 G	0.643477 in/s	0.00157218 in	-15.8419 deg.
Mar 12, 2008 15:03:41	Ch1:	1.00074 G	1.33442 in/s	0.00921737 in	21.4395 deg.
Mar 12, 2008 15:03:41	Ch2:	1.14592 G	1.52801 in/s	0.0105546 in	18.7969 deg.
Mar 12, 2008 15:04:11	Ch1:	0.986892 G	3.71316 in/s	0.0723704 in	93.5808 deg.
Mar 12, 2008 15:04:11	Ch2:	0.970683 G	3.65217 in/s	0.0711818 in	93.0791 deg.
Mar 12, 2008 15:04:41	Ch1:	0.931867 G	9.90002 in/s	0.544831 in	147.938 deg.
Mar 12, 2008 15:04:41	Ch2:	0.91398 G	9.71 in/s	0.534373 in	146.669 deg.
Mar 12, 2008 15:05:11	Ch1:	0.121209 G	3.64345 in/s	0.567328 in	174.132 deg.
Mar 12, 2008 15:05:11	Ch2:	0.115122 G	3.46048 in/s	0.538837 in	169.841 deg.
Mar 12, 2008 15:05:41	Ch1:	0.0606125 G	2.69092 in/s	0.618848 in	-173.279 deg.
Mar 12, 2008 15:05:41	Ch2:	0.0551751 G	2.44953 in/s	0.563333 in	179.869 deg.
Mar 12, 2008 15:06:11	Ch1:	0.495963 G	7.78202 in/s	0.632526 in	162.243 deg.
Mar 12, 2008 15:06:11	Ch2:	0.484466 G	7.60162 in/s	0.617864 in	160.288 deg.
Mar 12, 2008 15:06:41	Ch1:	1.02269 G	5.67081 in/s	0.162888 in	116.131 deg.
Mar 12, 2008 15:06:41	Ch2:	1.00083 G	5.54961 in/s	0.159406 in	115.035 deg.
Mar 12, 2008 15:07:11	Ch1:	1.00734 G	1.96622 in/s	0.0198806 in	47.7653 deg.
Mar 12, 2008 15:07:11	Ch2:	1.02463 G	1.99996 in/s	0.0202218 in	47.5386 deg.
Mar 12, 2008 15:07:41	Ch1:	0.999302 G	0.68839 in/s	0.00245649 in	-5.98191 deg.
Mar 12, 2008 15:07:41	Ch2:	1.01862 G	0.701698 in/s	0.00250398 in	-6.71568 deg.
Mar 12, 2008 15:08:12	Ch1:	0.954586 G	0.23239 in/s	0.000293064 in	-15.4085 deg.
Mar 12, 2008 15:08:12	Ch2:	18.7469 G	4.56386 in/s	0.00575542 in	-32.8 deg.
Mar 12, 2008 15:08:42	Ch1:	0.998708 G	0.0859292 in/s	3.82989e-005 in	-47.99 deg.
Mar 12, 2008 15:08:42	Ch2:	0.464375 G	0.0399549 in/s	1.7808e-005 in	132.864 deg.
Mar 12, 2008 15:09:12	Ch1:	0.413757 G	0.0125819 in/s	1.98195e-006 in	71.8956 deg.
Mar 12, 2008 15:09:12	Ch2:	0.162881 G	0.00495306 in/s	7.80224e-007 in	76.5469 deg.
Mar 12, 2008 15:09:42	Ch1:	0.181054 G	0.00397556 in/s	4.52201e-007 in	-77.6173 deg.
Mar 12, 2008 15:09:42	Ch2:	0.031709 G	0.000696263 in/s	7.91967e-008 in	-70.8871 deg.
Mar 12, 2008 15:10:12	Ch1:	1.00153 G	0.0622236 in/s	2.00257e-005 in	-53.2665 deg.
Mar 12, 2008 15:10:12	Ch2:	0.722692 G	0.0448997 in/s	1.44503e-005 in	119.209 deg.
Mar 12, 2008 15:10:42	Ch1:	1.00565 G	0.176781 in/s	0.000160979 in	-27.4093 deg.
Mar 12, 2008 15:10:42	Ch2:	1.97086 G	0.346454 in/s	0.000315485 in	154.795 deg.
Mar 12, 2008 15:11:12	Ch1:	1.00067 G	0.497713 in/s	0.00128236 in	-14.3533 deg.
Mar 12, 2008 15:11:12	Ch2:	1.30183 G	0.647508 in/s	0.00166832 in	-14.5806 deg.
Mar 12, 2008 15:11:42	Ch1:	0.999865 G	1.41046 in/s	0.0103068 in	24.6919 deg.
Mar 12, 2008 15:11:42	Ch2:	1.10076 G	1.55279 in/s	0.0113468 in	23.6506 deg.
Mar 12, 2008 15:12:12	Ch1:	0.986306 G	3.91246 in/s	0.0803953 in	97.3645 deg.
Mar 12, 2008 15:12:12	Ch2:	0.969325 G	3.8451 in/s	0.0790111 in	96.8355 deg.
Mar 12, 2008 15:12:42	Ch1:	0.875063 G	9.86796 in/s	0.576446 in	150.718 deg.
Mar 12, 2008 15:12:42	Ch2:	0.858942 G	9.68616 in/s	0.565826 in	149.375 deg.
Mar 12, 2008 15:13:12	Ch1:	0.10758 G	3.42132 in/s	0.563638 in	175.807 deg.
Mar 12, 2008 15:13:12	Ch2:	0.103568 G	3.29373 in/s	0.542619 in	171.683 deg.
Mar 12, 2008 15:13:42	Ch1:	0.0692231 G	2.91425 in/s	0.635542 in	-175.449 deg.
Mar 12, 2008 15:13:42	Ch2:	0.0646144 G	2.72022 in/s	0.593228 in	179.988 deg.
Mar 12, 2008 15:14:12	Ch1:	0.55377 G	8.21274 in/s	0.630942 in	160.837 deg.
Mar 12, 2008 15:14:12	Ch2:	0.542527 G	8.046 in/s	0.618132 in	158.984 deg.

Mar 12, 2008 15:14:42	Ch1:	1.02179 G	5.371 in/s	0.146249 in	113.361 deg.
Mar 12, 2008 15:14:42	Ch2:	0.998771 G	5.25003 in/s	0.142955 in	112.459 deg.
Mar 12, 2008 15:15:12	Ch1:	1.00384 G	1.84569 in/s	0.0175791 in	42.9804 deg.
Mar 12, 2008 15:15:12	Ch2:	1.02956 G	1.89297 in/s	0.0180294 in	42.7497 deg.
Mar 12, 2008 15:15:42	Ch1:	0.999358 G	0.650662 in/s	0.00219449 in	-7.57919 deg.
Mar 12, 2008 15:15:42	Ch2:	1.05319 G	0.68571 in/s	0.00231269 in	-8.07276 deg.
Mar 12, 2008 15:16:12	Ch1:	1.0603 G	0.244776 in/s	0.000292717 in	129.166 deg.
Mar 12, 2008 15:16:12	Ch2:	21.5118 G	4.96609 in/s	0.00593875 in	-35.4377 deg.
Mar 12, 2008 15:16:42	Ch1:	0.998922 G	0.081236 in/s	3.42222e-005 in	-49.1583 deg.
Mar 12, 2008 15:16:42	Ch2:	0.486538 G	0.039567 in/s	1.66684e-005 in	132.248 deg.
Mar 12, 2008 15:17:12	Ch1:	0.262919 G	0.00758159 in/s	1.13251e-006 in	-52.7448 deg.
Mar 12, 2008 15:17:12	Ch2:	0.0961562 G	0.00277278 in/s	4.14186e-007 in	-40.2228 deg.
Mar 12, 2008 15:17:42	Ch1:	0.199919 G	0.00465961 in/s	5.62585e-007 in	-76.7784 deg.
Mar 12, 2008 15:17:42	Ch2:	0.0402908 G	0.000939078 in/s	1.13381e-007 in	-70.8897 deg.
Mar 12, 2008 15:18:12	Ch1:	1.00168 G	0.065842 in/s	2.24193e-005 in	-53.3657 deg.
Mar 12, 2008 15:18:12	Ch2:	0.6229 G	0.0409443 in/s	1.39416e-005 in	124.191 deg.
Mar 12, 2008 15:18:42	Ch1:	1.01062 G	0.187959 in/s	0.000181085 in	-21.2557 deg.
Mar 12, 2008 15:18:42	Ch2:	2.44681 G	0.455066 in/s	0.000438423 in	161.563 deg.
Mar 12, 2008 15:19:12	Ch1:	1.00077 G	0.528358 in/s	0.001445 in	-13.4076 deg.
Mar 12, 2008 15:19:12	Ch2:	1.25318 G	0.661622 in/s	0.00180946 in	-12.9752 deg.
Mar 12, 2008 15:19:42	Ch1:	0.999803 G	1.48717 in/s	0.0114591 in	28.0361 deg.
Mar 12, 2008 15:19:42	Ch2:	1.07447 G	1.59823 in/s	0.0123148 in	27.4568 deg.
Mar 12, 2008 15:20:12	Ch1:	0.984488 G	4.11724 in/s	0.0891961 in	100.941 deg.
Mar 12, 2008 15:20:12	Ch2:	0.966883 G	4.04362 in/s	0.0876011 in	100.365 deg.
Mar 12, 2008 15:20:42	Ch1:	0.792253 G	9.42142 in/s	0.580379 in	152.208 deg.
Mar 12, 2008 15:20:42	Ch2:	0.777196 G	9.24237 in/s	0.569349 in	150.799 deg.
Mar 12, 2008 15:21:12	Ch1:	0.0957463 G	3.22159 in/s	0.561516 in	176.935 deg.
Mar 12, 2008 15:21:12	Ch2:	0.0927123 G	3.11951 in/s	0.543723 in	172.284 deg.
Mar 12, 2008 15:21:42	Ch1:	0.0784842 G	3.123 in/s	0.643732 in	-176.429 deg.
Mar 12, 2008 15:21:42	Ch2:	0.0731883 G	2.91227 in/s	0.600294 in	178.108 deg.
Mar 12, 2008 15:22:12	Ch1:	0.61438 G	8.64034 in/s	0.629459 in	159.367 deg.
Mar 12, 2008 15:22:12	Ch2:	0.602955 G	8.47967 in/s	0.617754 in	157.675 deg.
Mar 12, 2008 15:22:42	Ch1:	1.02002 G	5.03296 in/s	0.128641 in	109.924 deg.
Mar 12, 2008 15:22:42	Ch2:	0.998 G	4.92429 in/s	0.125863 in	109.181 deg.
Mar 12, 2008 15:23:12	Ch1:	1.00219 G	1.74145 in/s	0.0156752 in	38.4482 deg.
Mar 12, 2008 15:23:12	Ch2:	1.0366 G	1.80124 in/s	0.0162134 in	38.1891 deg.
Mar 12, 2008 15:23:42	Ch1:	0.999439 G	0.61301 in/s	0.0019477 in	-9.26988 deg.
Mar 12, 2008 15:23:42	Ch2:	1.08822 G	0.667462 in/s	0.00212071 in	-9.55333 deg.
Mar 12, 2008 15:24:12	Ch1:	1.03884 G	0.225197 in/s	0.000252881 in	132.129 deg.
Mar 12, 2008 15:24:12	Ch2:	6.93625 G	1.50361 in/s	0.00168846 in	-42.1118 deg.
Mar 12, 2008 15:24:42	Ch1:	0.997885 G	0.0764525 in/s	3.03421e-005 in	-51.4242 deg.
Mar 12, 2008 15:24:42	Ch2:	0.510647 G	0.039123 in/s	1.5527e-005 in	127.238 deg.
Mar 12, 2008 15:25:12	Ch1:	0.254835 G	0.00690034 in/s	9.67887e-007 in	-75.3774 deg.
Mar 12, 2008 15:25:12	Ch2:	0.0785963 G	0.00212821 in/s	2.98516e-007 in	-64.4483 deg.
Mar 12, 2008 15:25:29	Changing Level				
Mar 12, 2008 15:25:29	Select Resonance Frequencies				
Mar 12, 2008 15:25:55	Changing Level				
Mar 12, 2008 15:26:01	Resonance Dwell				
Mar 12, 2008 15:26:01	Running				
Mar 12, 2008 15:26:01	Ch1:	0.500013 G	0.178321 in/s	0.000329434 in	-17.4464 deg.
Mar 12, 2008 15:26:01	Ch2:	1.18511 G	0.422648 in/s	0.000780807 in	-31.5048 deg.
Mar 12, 2008 15:26:31	Ch1:	0.499719 G	0.175921 in/s	0.000320813 in	-15.827 deg.
Mar 12, 2008 15:26:31	Ch2:	1.17671 G	0.414248 in/s	0.000755431 in	-37.1159 deg.
Mar 12, 2008 15:27:01	Ch1:	0.500271 G	0.174035 in/s	0.000313624 in	-15.0972 deg.
Mar 12, 2008 15:27:01	Ch2:	1.07967 G	0.375597 in/s	0.000676855 in	-42.344 deg.
Mar 12, 2008 15:27:31	Ch1:	0.500188 G	0.172069 in/s	0.000306629 in	-15.5881 deg.
Mar 12, 2008 15:27:31	Ch2:	0.947982 G	0.326113 in/s	0.000581138 in	-44.0737 deg.
Mar 12, 2008 15:28:01	Ch1:	0.499899 G	0.172416 in/s	0.000308045 in	-15.2841 deg.
Mar 12, 2008 15:28:01	Ch2:	0.979334 G	0.337773 in/s	0.00060348 in	-43.9459 deg.
Mar 12, 2008 15:28:31	Ch1:	0.500352 G	0.172487 in/s	0.000308022 in	-15.3793 deg.
Mar 12, 2008 15:28:31	Ch2:	0.976492 G	0.336628 in/s	0.000601139 in	-44.0109 deg.
Mar 12, 2008 15:29:01	Ch1:	0.499898 G	0.171811 in/s	0.00030589 in	-15.5759 deg.

Mar 12, 2008 15:29:01	Ch2:	0.943047 G	0.324119 in/s	0.000577056 in	-43.9316 deg.
Mar 12, 2008 15:29:31	Ch1:	0.500133 G	0.172726 in/s	0.000309012 in	-15.2665 deg.
Mar 12, 2008 15:29:31	Ch2:	1.00082 G	0.345643 in/s	0.000618363 in	-43.7953 deg.
Mar 12, 2008 15:30:01	Ch1:	0.499801 G	0.172436 in/s	0.000308179 in	-15.2685 deg.
Mar 12, 2008 15:30:01	Ch2:	0.989267 G	0.341307 in/s	0.000609986 in	-43.8166 deg.
Mar 12, 2008 15:30:31	Ch1:	0.499765 G	0.172415 in/s	0.000308124 in	-15.2452 deg.
Mar 12, 2008 15:30:31	Ch2:	0.990359 G	0.341665 in/s	0.000610594 in	-43.7752 deg.
Mar 12, 2008 15:31:01	Changing Level				
Mar 12, 2008 15:31:12	Resonance Dwell				
Mar 12, 2008 15:31:12	Running				
Mar 12, 2008 15:31:12	Ch1:	0.996933 G	0.236797 in/s	0.00029136 in	49.6355 deg.
Mar 12, 2008 15:31:12	Ch2:	61.6176 G	14.6358 in/s	0.0180082 in	-35.0246 deg.
Mar 12, 2008 15:31:42	Ch1:	1.00149 G	0.23789 in/s	0.000292718 in	59.0499 deg.
Mar 12, 2008 15:31:42	Ch2:	63.4179 G	15.064 in/s	0.0185359 in	-34.4944 deg.
Mar 12, 2008 15:32:12	Ch1:	1.00068 G	0.237788 in/s	0.000292704 in	59.0365 deg.
Mar 12, 2008 15:32:12	Ch2:	63.5028 G	15.0899 in/s	0.0185748 in	-34.1343 deg.
Mar 12, 2008 15:32:42	Ch1:	0.999245 G	0.237556 in/s	0.000292553 in	58.2188 deg.
Mar 12, 2008 15:32:42	Ch2:	63.5305 G	15.1035 in/s	0.0186001 in	-33.8775 deg.
Mar 12, 2008 15:33:12	Ch1:	0.999599 G	0.237712 in/s	0.000292832 in	57.8135 deg.
Mar 12, 2008 15:33:12	Ch2:	63.4545 G	15.0899 in/s	0.0185889 in	-33.7033 deg.
Mar 12, 2008 15:33:42	Ch1:	1.0004 G	0.237958 in/s	0.000293205 in	57.4701 deg.
Mar 12, 2008 15:33:42	Ch2:	63.4939 G	15.1028 in/s	0.0186092 in	-33.5766 deg.
Mar 12, 2008 15:34:12	Ch1:	0.9995 G	0.237791 in/s	0.000293057 in	57.538 deg.
Mar 12, 2008 15:34:12	Ch2:	63.6065 G	15.1326 in/s	0.0186497 in	-33.4959 deg.
Mar 12, 2008 15:34:42	Ch1:	0.999651 G	0.237836 in/s	0.000293123 in	58.7091 deg.
Mar 12, 2008 15:34:42	Ch2:	63.9646 G	15.2184 in/s	0.018756 in	-33.4342 deg.
Mar 12, 2008 15:35:12	Ch1:	0.998335 G	0.237578 in/s	0.000292873 in	58.9227 deg.
Mar 12, 2008 15:35:12	Ch2:	64.0718 G	15.2474 in/s	0.0187962 in	-33.39 deg.
Mar 12, 2008 15:35:42	Ch1:	1.00131 G	0.238386 in/s	0.000293993 in	58.985 deg.
Mar 12, 2008 15:35:42	Ch2:	64.0485 G	15.2483 in/s	0.0188052 in	-33.3496 deg.
Mar 12, 2008 15:36:12	Changing Level				
Mar 12, 2008 15:36:20	Resonance Dwell				
Mar 12, 2008 15:36:20	Running				
Mar 12, 2008 15:36:20	Ch1:	1.0213 G	0.122836 in/s	7.65315e-005 in	50.1211 deg.
Mar 12, 2008 15:36:20	Ch2:	4.76944 G	0.573639 in/s	0.000357398 in	109.6 deg.
Mar 12, 2008 15:36:50	Ch1:	0.999661 G	0.120581 in/s	7.53438e-005 in	34.581 deg.
Mar 12, 2008 15:36:50	Ch2:	6.19587 G	0.747358 in/s	0.000466979 in	118.586 deg.
Mar 12, 2008 15:37:20	Ch1:	1.00001 G	0.120666 in/s	7.54235e-005 in	29.2046 deg.
Mar 12, 2008 15:37:20	Ch2:	6.37454 G	0.76918 in/s	0.000480785 in	119.547 deg.
Mar 12, 2008 15:37:50	Ch1:	0.999919 G	0.120634 in/s	7.53903e-005 in	28.1388 deg.
Mar 12, 2008 15:37:50	Ch2:	6.38205 G	0.769953 in/s	0.000481184 in	119.431 deg.
Mar 12, 2008 15:38:20	Ch1:	1.00018 G	0.12064 in/s	7.53785e-005 in	27.5458 deg.
Mar 12, 2008 15:38:20	Ch2:	6.38124 G	0.769692 in/s	0.00048092 in	119.295 deg.
Mar 12, 2008 15:38:50	Ch1:	1.00003 G	0.12059 in/s	7.53278e-005 in	27.919 deg.
Mar 12, 2008 15:38:50	Ch2:	6.36022 G	0.76696 in/s	0.000479089 in	119.016 deg.
Mar 12, 2008 15:39:20	Ch1:	0.999893 G	0.120553 in/s	7.52918e-005 in	27.9817 deg.
Mar 12, 2008 15:39:20	Ch2:	6.36451 G	0.767344 in/s	0.000479246 in	118.917 deg.
Mar 12, 2008 15:39:51	Ch1:	0.999994 G	0.120546 in/s	7.52748e-005 in	27.9358 deg.
Mar 12, 2008 15:39:51	Ch2:	6.36849 G	0.767699 in/s	0.00047939 in	118.844 deg.
Mar 12, 2008 15:40:21	Ch1:	0.999722 G	0.120492 in/s	7.52277e-005 in	27.7596 deg.
Mar 12, 2008 15:40:21	Ch2:	6.34089 G	0.764237 in/s	0.000477143 in	118.719 deg.
Mar 12, 2008 15:40:51	Ch1:	0.999953 G	0.120499 in/s	7.522e-005 in	27.7866 deg.
Mar 12, 2008 15:40:51	Ch2:	6.33466 G	0.763359 in/s	0.000476516 in	118.625 deg.