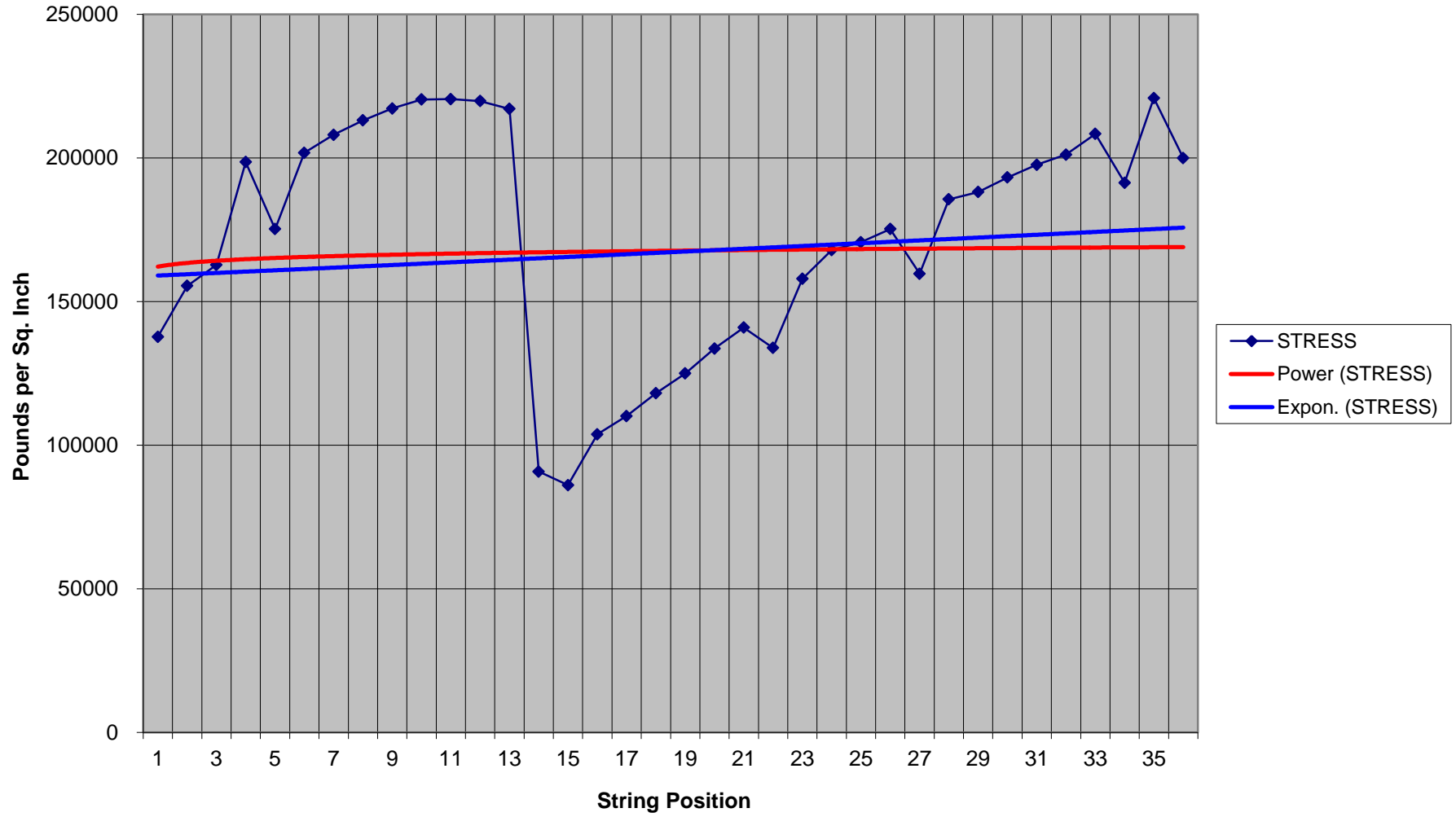
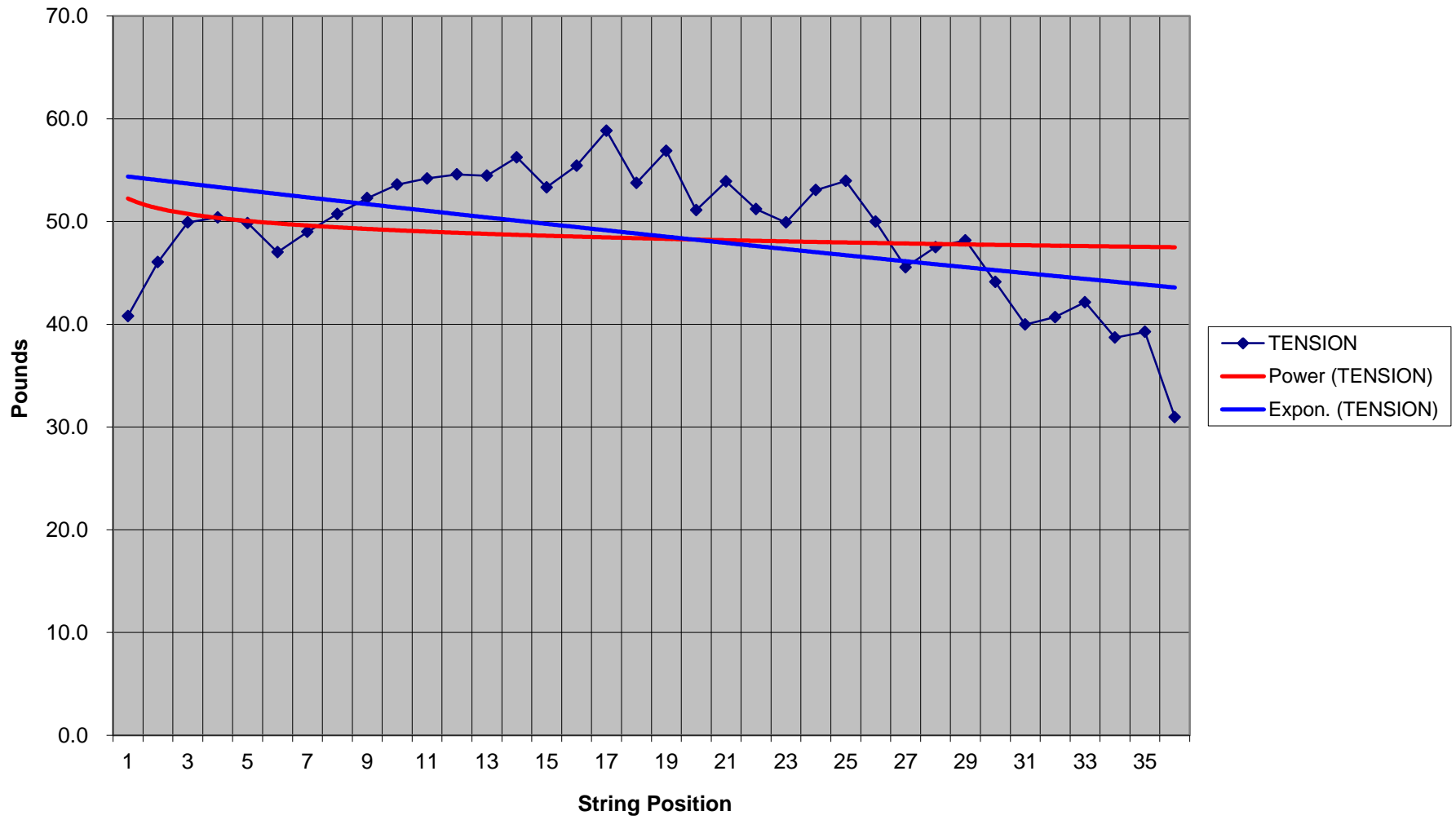


Named No	EQ Freq
_D_2	73.42
_Eb_2	77.8
_E_2	82.41
_F_2	87.31
_Gb_2	92.5
_G_2	98
_Ab_2	103.8
_A_2	110
_Bb_2	116.5
_B_2	123.5
_C_3	130.8
_Db_3	138.6
_D_3	146.8
_Eb_3	155.6
_E_3	164.8
_F_3	174.6
_Gb_3	185
_G_3	196
_Ab_3	207.7
_A_3	220
_Bb_3	233.1
_B_3	246.9
_C_4	261.6
_Db_4	277.2
_D_4	293.7
_Eb_4	311.1
_E_4	329.6
_F_4	349.2
_Gb_4	370
_G_4	392
_Ab_4	415.3
_A_4	440
_Bb_4	466.2
_B_4	493.9
_C_5	523.3
_Db_5	554.4
_D_5	587.3
_Eb_5	622.3
_E_5	659.3
_F_5	698.5
_Gb_5	740
_G_5	784
_Ab_5	830.6
_A_5	880
_Bb_5	932.3
_B_5	987.8
_C_6	1047
_Db_6	1109
_D_6	1175
_Eb_6	1245
_E_6	1319

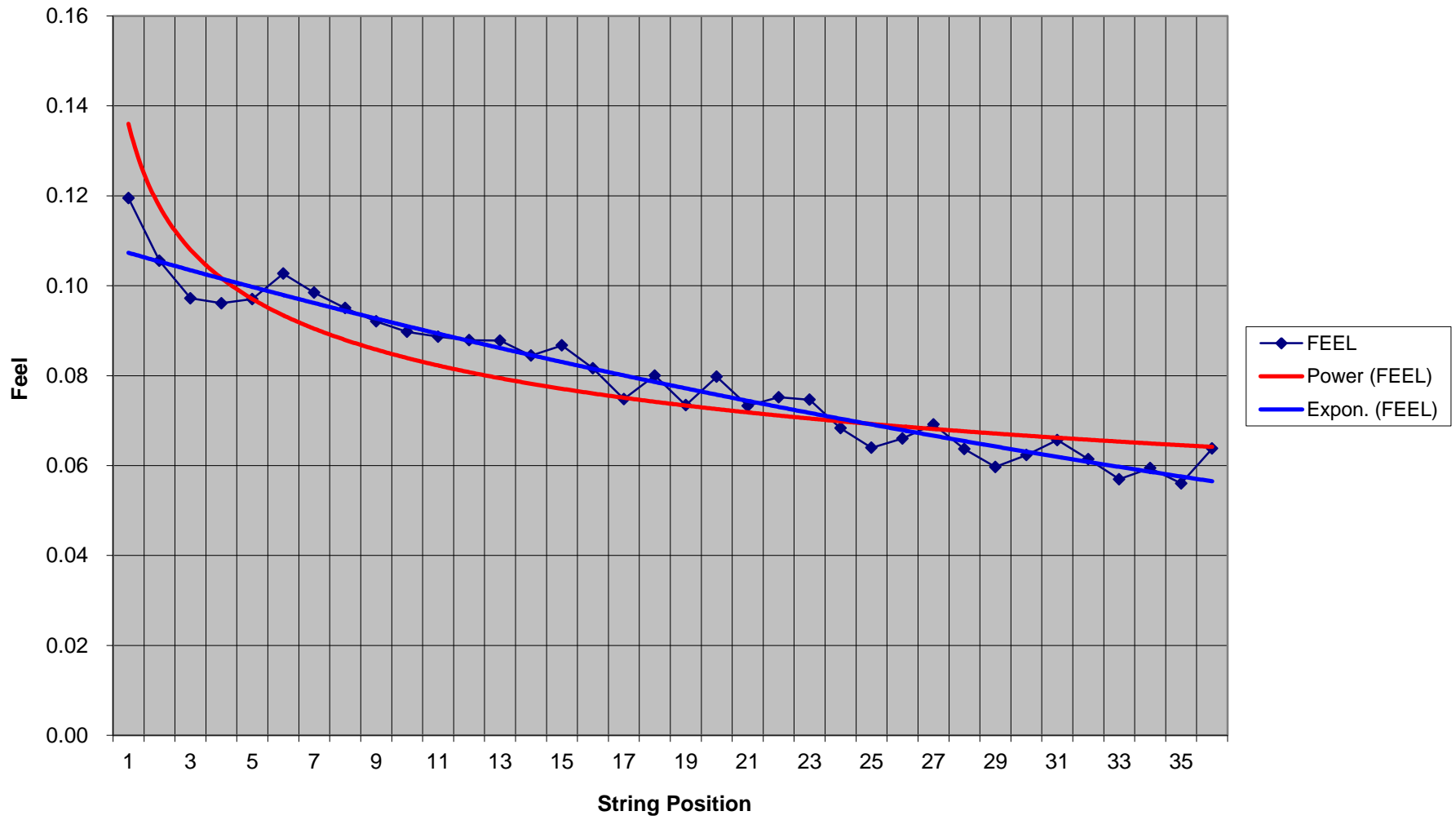
Stress profile
Orthey CGDA



Tension Profile
Orthey CGDA



Feel Profile
Orthey CGDA



VIBRATE WOUND Adjusted --DIAMETER--

#	NOTE	STRING#	LENGTH	LENGTH	FREQ	CENTS	OUTER	CORE	STRESS	TENSION	FEEL
1	F	FL-089	19.50	18.50	86.6	-15	0.089	0.021	137747	40.8	0.12
2	G	FL-084	19.44	18.50	97.4	-10	0.084	0.021	155461	46.0	0.11
3	C	FL-064	19.41	18.50	130.4	-5	0.064	0.021	162783	49.9	0.10
4	D	FL-057	19.38	18.50	146.4	-5	0.057	0.019	198566	50.4	0.10
5	E	FL-050	19.34	18.50	164.6	-2	0.050	0.020	175237	49.8	0.10
6	F	OR-046	19.31	18.25	174.4	-2	0.046	0.018	201806	47.0	0.10
7	F#	OR-044	19.30	18.25	185.0	0	0.044	0.018	208048	49.0	0.10
8	G	OR-042	19.28	18.25	196.0	0	0.042	0.018	213090	50.7	0.10
9	G#	OR-040	19.25	18.25	207.7	0	0.040	0.018	217229	52.3	0.09
10	A	OR-038	19.23	18.25	220.0	0	0.038	0.018	220340	53.6	0.09
11	B	OR-034	19.22	18.00	246.9	0	0.034	0.018	220484	54.2	0.09
12	C	OR-032	19.19	18.00	261.6	0	0.032	0.018	219792	54.6	0.09
13	C#	OR-030	19.13	18.00	277.2	0	0.030	0.018	217066	54.5	0.09
14	D	B028	19.00		293.7	0	0.028		90804	56.2	0.08
15	D	B028	18.50		293.7	0	0.028		86087	53.3	0.09
16	E	B026	18.10		329.6	0	0.026		103781	55.4	0.08
17	F	B026	17.60		349.2	0	0.026		110144	58.8	0.07
18	F#	B024	17.20		370.0	0	0.024		118099	53.7	0.08
19	G	B024	16.70		392.0	0	0.024		124966	56.9	0.07
20	G#	B024	16.30		415.3	0	0.022		133625	51.1	0.08
21	A	B022	15.80		440.0	0	0.022		140931	53.9	0.07
22	A	B022	15.40		440.0	0	0.022		133886	51.2	0.08
23	B	B020	14.90		493.9	0	0.020		157920	49.9	0.07
24	C	B020	14.50		523.3	0	0.020		167890	53.1	0.07
25	C#	B020	13.80		554.4	0	0.020		170684	53.9	0.06
26	D	B019	13.20		587.3	0	0.019		175249	50.0	0.07
27	D	B019	12.60		587.3	0	0.019		159679	45.5	0.07
28	E	B018	12.10		659.3	0	0.018		185577	47.5	0.06
29	F	B018	11.50		698.5	0	0.018		188155	48.2	0.06
30	F#	B017	11.00		740.0	0	0.017		193213	44.1	0.06
31	G	B016	10.50		784.0	0	0.016		197605	40.0	0.07
32	G#	B016	10.00		830.6	0	0.016		201174	40.7	0.06
33	A	B016	9.60		880.5	1	0.016		208352	42.1	0.06
34	A	B016	9.20		880.5	1	0.016		191351	38.7	0.06
35	B	B015	8.80		988.9	2	0.015		220848	39.3	0.06
36	C	B014	7.90		1048.2	2	0.014		199958	31.0	0.06
37	D	B014	7.40		1176.4	2	0.014		220968	34.2	0.05

TOTAL 1801.7

AVE 167774 48.7 0.08

WOUND TOTAL(1-14) 709.1

WOUND AVE 188461 50.6 0.10

MID TOTAL(15-24) 537.4

(*) shorten winding MID AVE 127733 53.7 0.08

HIGH TOTAL(25-37) 555.2

file: OrtheyCGDA.xls HIGH AVE 193293 42.7 0.06