

HEART RATE VARIABILITY: CHARACTERIZING AUTONOMIC CONTROL

Volume II

A Dissertation

by

TROY EDWIN BROWN

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HEART RATE VARIABILITY: CHARACTERIZING AUTONOMIC CONTROL

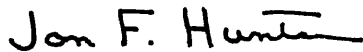
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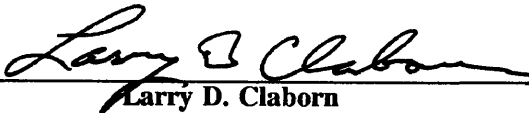
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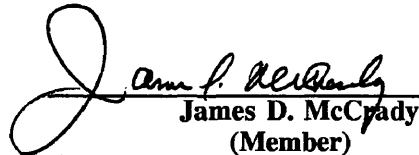
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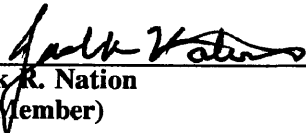
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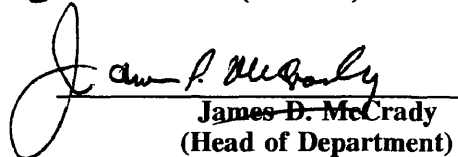
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APPENDIX 20

Null Hypothesis 1 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	95.8	18.7	100	24.5	0.7453
HR VARIABILITY	1.04	0.908	2.55	3.75	0.3763
R-AMPLITUDE (RA)	0.945	0.225	0.865	0.326	0.6330
RA VARIABILITY	0.863	0.992	1.78	3.00	0.5026
TOTAL POWER (TP)	0.0342	0.0298	0.0838	0.123	0.3764
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0072	0.0062	0.0475	0.102	0.3772
TP: BAND 3	0.0181	0.0156	0.0269	0.0378	0.6060
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.96	3.47	2.96	3.58	0.6312
FREQ OF MAX POWER	0.2500	0.1118	0.1458	0.0510	0.0646
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2916	0.0645	0.2500	0.0000	0.1449
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

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APPENDIX 20 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.4025	0.1503	0.3175	0.0642	0.2313
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3309	0.0356	0.3526	0.0383	0.3343
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	8.01E-6	1.05E-5	6.58E-5	1.08E-4	0.2509
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1.44E-5	2.13E-5	1.00E-4	1.93E-4	0.3257
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

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APPENDIX 20 Continued

Null Hypothesis 1 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	95.2	18.6	99.9	22.0	0.6957
HR VARIABILITY	0.873	0.615	2.87	3.02	0.1703
R-AMPLITUDE (RA)	0.939	0.224	0.887	0.304	0.7421
RA VARIABILITY	1.06	0.495	2.74	3.92	0.3422
TOTAL POWER (TP)	0.0289	0.0203	0.0948	0.100	0.1703
TP: BAND 1	0.0067	0.0058	0.0567	0.0884	0.2249
TP: BAND 2	0.0083	0.0065	0.0144	0.0117	0.2958
TP: BAND 3	0.0093	0.0108	0.0177	0.0198	0.3830
TP: BAND 1/BAND 2	2.19	3.56	5.32	8.67	0.4324
TP: BAND 1/BAND 3	4.17	6.35	6.81	7.89	0.5374
TP: BAND 2/BAND 3	5.31	9.97	2.04	2.46	0.4672
FREQ OF MAX POWER	0.1250	0.0685	0.1146	0.0831	0.8174
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1666	0.0322	0.5995
FMP: BAND 3	0.3020	0.0614	0.2708	0.0322	0.2959
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5250	0.1172	0.6166	0.1125	0.1972

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APPENDIX 20 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2678	0.1037	0.2090	0.1078	0.3590
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1566	0.0262	0.1615	0.0215	0.7355
PD: BAND 3	0.3529	0.0241	0.3061	0.0320	0.0170
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4430	0.0592	0.5312	0.0792	0.0540
PD VARIABILITY	2.8 E-6	3.43E-6	1.66E-5	2.13E-5	0.1751
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	8.88E-6	1.85E-5	1.72E-5	1.99E-5	0.4691
PDV: BAND 3	7.78E-6	1.07E-5	3.42E-5	6.75E-5	0.3843
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	383.46	936.02	3.5950	6.6451	0.3658

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APPENDIX 20 Continued

Null Hypothesis 1 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	94.0	18.0	96.7	19.0	0.8088
HR VARIABILITY	0.936	0.622	2.65	2.21	0.1205
R-AMPLITUDE (RA)	0.931	0.236	0.912	0.297	0.9036
RA VARIABILITY	1.15	0.635	2.87	3.32	0.2639
TOTAL POWER (TP)	0.0311	0.0206	0.0879	0.0735	0.1205
TP: BAND 1	0.0069	0.0071	0.0449	0.0604	0.1849
TP: BAND 2	0.0085	0.0070	0.0168	0.0101	0.1304
TP: BAND 3	0.0099	0.0097	0.0189	0.0198	0.3394
TP: BAND 1/BAND 2	1.88	2.63	3.11	3.57	0.5097
TP: BAND 1/BAND 3	5.46	11.5	9.10	13.9	0.6321
TP: BAND 2/BAND 3	1.40	1.39	2.14	1.87	0.4573
FREQ OF MAX POWER	0.1458	0.0782	0.1198	0.0915	0.6077
FMP: BAND 1	0.0520	0.0161	0.0468	0.0171	0.5995
FMP: BAND 2	0.1614	0.0415	0.1510	0.0365	0.6545
FMP: BAND 3	0.2656	0.0617	0.2604	0.0547	0.8802
FMP: BAND 1/BAND 2	0.3333	0.1054	0.3138	0.0909	0.7393
FMP: BAND 1/BAND 3	0.2061	0.0805	0.1767	0.0433	0.4488
FMP: BAND 2/BAND 3	0.6163	0.1569	0.5936	0.1730	0.8165

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APPENDIX 20 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2637	0.0937	0.1988	0.1100	0.2970
PD: BAND 1	0.0462	0.0113	0.0450	0.0070	0.8375
PD: BAND 2	0.1461	0.0236	0.1465	0.0177	0.9744
PD: BAND 3	0.3215	0.0361	0.3215	0.0193	0.9992
PD: BAND 1/BAND 2	0.3199	0.0793	0.3100	0.0512	0.8013
PD: BAND 1/BAND 3	0.1476	0.0503	0.1398	0.0181	0.7335
PD: BAND 2/BAND 3	0.4617	0.1059	0.4552	0.0431	0.8917
PD VARIABILITY	2.11E-6	2.68E-6	7.94E-6	1.02E-5	0.2303
PDV: BAND 1	5.4 E-7	8 E-7	2.02E-5	4.64E-5	0.3461
PDV: BAND 2	4.35E-6	5.16E-6	1.74E-5	2.04E-5	0.1837
PDV: BAND 3	8.96E-6	1.53E-5	3.13E-5	6.28E-5	0.4323
PDV: BAND 1/BAND 2	1.6698	2.3554	1.5397	2.2465	0.9239
PDV: BAND 1/BAND 3	35.119	84.698	13.156	18.428	0.5600
PDV: BAND 2/BAND 3	6.9047	14.623	10.741	16.672	0.6807

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APPENDIX 20 Continued

Null Hypothesis 1 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	94.7	18.1	95.3	17.7	0.9536
HR VARIABILITY	0.999	0.614	2.01	1.60	0.1798
R-AMPLITUDE (RA)	0.921	0.245	0.916	0.283	0.9734
RA VARIABILITY	1.78	1.25	2.42	1.61	0.4603
TOTAL POWER (TP)	0.0332	0.0204	0.0668	0.0532	0.1797
TP: BAND 1	0.0086	0.0092	0.0256	0.0282	0.2110
TP: BAND 2	0.0083	0.0053	0.0170	0.0152	0.2149
TP: BAND 3	0.0096	0.0089	0.0146	0.0172	0.5432
TP: BAND 1/BAND 2	1.39	2.03	2.10	2.19	0.5724
TP: BAND 1/BAND 3	17.7	42.1	10.7	14.5	0.7133
TP: BAND 2/BAND 3	3.86	7.44	3.04	2.71	0.8081
FREQ OF MAX POWER	0.1016	0.0866	0.0885	0.1035	0.8179
FMP: BAND 1	0.0442	0.0207	0.0234	0.0130	0.0643
FMP: BAND 2	0.1354	0.0426	0.1536	0.0446	0.4864
FMP: BAND 3	0.2161	0.0182	0.2135	0.0189	0.8133
FMP: BAND 1/BAND 2	0.3161	0.0912	0.1680	0.1121	0.0309
FMP: BAND 1/BAND 3	0.2010	0.0855	0.1096	0.0625	0.0609
FMP: BAND 2/BAND 3	0.6239	0.1858	0.7165	0.1932	0.4173

--- = Unable to Perform Statistics

APPENDIX 20 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2507	0.1095	0.2009	0.1177	0.4652
PD: BAND 1	0.0395	0.0097	0.0355	0.0061	0.4129
PD: BAND 2	0.1294	0.0173	0.1331	0.0200	0.7386
PD: BAND 3	0.3022	0.0318	0.3067	0.0364	0.8248
PD: BAND 1/BAND 2	0.3019	0.0407	0.2725	0.0662	0.3754
PD: BAND 1/BAND 3	0.1320	0.0350	0.1176	0.0277	0.4490
PD: BAND 2/BAND 3	0.4318	0.0713	0.4403	0.0847	0.8541
PD VARIABILITY	1.02E-6	1.31E-6	3.07E-6	4.92E-6	0.3658
PDV: BAND 1	2.9 E-7	3.5 E-7	2.21E-6	5.02E-6	0.3920
PDV: BAND 2	1.59E-6	2.37E-6	5.73E-6	7.45E-6	0.2430
PDV: BAND 3	2.01E-6	2.68E-6	1 E-5	2.16E-5	0.4057
PDV: BAND 1/BAND 2	0.8532	1.6374	0.7894	1.5681	0.9465
PDV: BAND 1/BAND 3	157.90	386.55	7.6568	14.458	0.3850
PDV: BAND 2/BAND 3	38.819	92.568	11.981	20.573	0.5166

--- = Unable to Perform Statistics

APPENDIX 20 Continued

Null Hypothesis 1 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	96.2	18.2	94.4	17.2	0.8627
HR VARIABILITY	1.18	0.729	1.74	1.39	0.4071
R-AMPLITUDE (RA)	0.920	0.240	0.912	0.279	0.9562
RA VARIABILITY	1.73	0.798	2.62	1.11	0.1392
TOTAL POWER (TP)	0.0394	0.0243	0.0579	0.0463	0.4072
TP: BAND 1	0.0098	0.0083	0.0221	0.0253	0.2990
TP: BAND 2	0.0112	0.0069	0.0129	0.0074	0.6812
TP: BAND 3	0.0104	0.0100	0.0145	0.0164	0.6116
TP: BAND 1/BAND 2	1.20	1.39	1.53	1.22	0.6719
TP: BAND 1/BAND 3	13.4	30.9	5.09	5.90	0.5432
TP: BAND 2/BAND 3	4.19	7.55	3.19	4.32	0.7843
FREQ OF MAX POWER	0.1354	0.0915	0.0807	0.0900	0.3211
FMP: BAND 1	0.0351	0.0154	0.0234	0.0171	0.2413
FMP: BAND 2	0.1328	0.0460	0.1393	0.0475	0.8145
FMP: BAND 3	0.2799	0.1189	0.2200	0.0357	0.2831
FMP: BAND 1/BAND 2	0.2694	0.0882	0.1889	0.1722	0.3328
FMP: BAND 1/BAND 3	0.1395	0.0796	0.1114	0.0846	0.5678
FMP: BAND 2/BAND 3	0.5090	0.1977	0.6381	0.2168	0.3064

--- = Unable to Perform Statistics

APPENDIX 20 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2350	0.1162	0.2041	0.0921	0.6210
PD: BAND 1	0.0298	0.0061	0.0323	0.0048	0.4654
PD: BAND 2	0.1263	0.0171	0.1327	0.0108	0.4534
PD: BAND 3	0.2958	0.0407	0.3053	0.0376	0.6845
PD: BAND 1/BAND 2	0.2363	0.0364	0.2447	0.0418	0.7175
PD: BAND 1/BAND 3	0.1028	0.0273	0.1070	0.0194	0.7643
PD: BAND 2/BAND 3	0.4302	0.0578	0.4406	0.0646	0.7751
PD VARIABILITY	9.3 E-7	1.3 E-6	1.07E-6	1.56E-6	0.8624
PDV: BAND 1	1.4 E-7	1.3 E-7	2.81E-6	5.49E-6	0.2862
PDV: BAND 2	2.18E-6	3.85E-6	2.19E-6	2.64E-6	0.9965
PDV: BAND 3	2.13E-6	2.63E-6	2.89E-6	4.95E-6	0.7452
PDV: BAND 1/BAND 2	0.4100	0.5477	1.5840	2.5191	0.3116
PDV: BAND 1/BAND 3	26.400	63.960	13.301	24.889	0.6502
PDV: BAND 2/BAND 3	29.163	69.184	6.0607	8.3441	0.4528

--- = Unable to Perform Statistics

APPENDIX 21

Null Hypothesis 2 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	95.8	18.7	89.6	15.9	0.5539
HR VARIABILITY	1.04	0.908	1.49	1.51	0.5472
R-AMPLITUDE (RA)	0.945	0.225	0.870	0.355	0.673
RA VARIABILITY	0.863	0.992	0.676	0.551	0.6956
TOTAL POWER (TP)	0.0342	0.0298	0.0489	0.0496	0.5478
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0072	0.0062	0.0253	0.0246	0.1360
TP: BAND 3	0.0181	0.0156	0.0151	0.0151	0.7446
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.96	3.47	2.18	1.39	0.8864
FREQ OF MAX POWER	0.2500	0.1118	0.1458	0.0510	0.0646
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2916	0.0645	0.2500	0.0000	0.1449
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 21 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.4025	0.1503	0.2904	0.0692	0.1280
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3309	0.0356	0.3565	0.0586	0.3819
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	8.01E-6	1.05E-5	2.27E-5	4.06E-5	0.4249
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1.44E-5	2.13E-5	4.93E-5	1.09E-4	0.4765
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 21 Continued

Null Hypothesis 2 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	95.2	18.6	88.2	16.3	0.5050
HR VARIABILITY	0.873	0.615	1.57	1.56	0.3309
R-AMPLITUDE (RA)	0.939	0.224	0.877	0.371	0.7351
RA VARIABILITY	1.057	0.495	0.754	0.617	0.3707
TOTAL POWER (TP)	0.0289	0.0203	0.0520	0.0515	0.3309
TP: BAND 1	0.0067	0.0058	0.0124	0.0145	0.3968
TP: BAND 2	0.0083	0.0065	0.0157	0.0143	0.2810
TP: BAND 3	0.0093	0.0108	0.0131	0.0143	0.6115
TP: BAND 1/BAND 2	2.19	3.56	0.674	0.583	0.3475
TP: BAND 1/BAND 3	4.17	6.35	1.47	1.54	0.3533
TP: BAND 2/BAND 3	5.31	9.97	5.86	11.2	0.9301
FREQ OF MAX POWER	0.1250	0.0685	0.1146	0.0470	0.7650
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1458	0.0322	0.5995
FMP: BAND 3	0.3020	0.0614	0.2812	0.0765	0.6145
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5250	0.1172	0.5297	0.1116	0.9440

--- = Unable to Perform Statistics

APPENDIX 21 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2678	0.1037	0.2757	0.0844	0.8867
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1566	0.0262	0.1549	0.0251	0.9076
PD: BAND 3	0.3529	0.0241	0.3712	0.0538	0.4628
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4430	0.0592	0.4212	0.0722	0.5819
PD VARIABILITY	2.8 E-6	3.43E-6	1.63E-5	2.35E-5	0.2204
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	8.88E-6	1.85E-5	1.4 E-5	2.99E-5	0.7261
PDV: BAND 3	7.78E-6	1.07E-5	4.27E-5	7.96E-5	0.3339
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	383.46	936.02	375.54	918.20	0.9885

--- = Unable to Perform Statistics

APPENDIX 21 Continued

Null Hypothesis 2 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	94.0	18.0	88.0	16.2	0.5567
HR VARIABILITY	0.936	0.622	1.43	1.15	0.3772
R-AMPLITUDE (RA)	0.931	0.236	0.868	0.363	0.7304
RA VARIABILITY	1.15	0.635	1.42	1.24	0.6486
TOTAL POWER (TP)	0.0311	0.0206	0.0475	0.0382	0.3771
TP: BAND 1	0.0069	0.0071	0.0085	0.0057	0.6855
TP: BAND 2	0.0085	0.0070	0.0144	0.0105	0.2845
TP: BAND 3	0.0099	0.0097	0.0150	0.0150	0.5006
TP: BAND 1/BAND 2	1.88	2.63	0.808	0.749	0.3761
TP: BAND 1/BAND 3	5.46	11.5	2.97	5.62	0.6445
TP: BAND 2/BAND 3	1.40	1.39	2.10	2.41	0.5502
FREQ OF MAX POWER	0.1458	0.0782	0.1042	0.0703	0.3549
FMP: BAND 1	0.0520	0.0161	0.0520	0.0161	1.0000
FMP: BAND 2	0.1614	0.0415	0.1510	0.0235	0.6047
FMP: BAND 3	0.2656	0.0617	0.3229	0.1306	0.3542
FMP: BAND 1/BAND 2	0.3333	0.1054	0.3472	0.1097	0.8276
FMP: BAND 1/BAND 3	0.2061	0.0805	0.1850	0.0894	0.6760
FMP: BAND 2/BAND 3	0.6163	0.1569	0.5376	0.2281	0.5025

--- = Unable to Perform Statistics

APPENDIX 21 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2637	0.0937	0.2631	0.0889	0.9907
PD: BAND 1	0.0462	0.0113	0.0494	0.0084	0.5857
PD: BAND 2	0.1461	0.0236	0.1425	0.0058	0.7347
PD: BAND 3	0.3215	0.0361	0.3356	0.0376	0.5246
PD: BAND 1/BAND 2	0.3199	0.0793	0.3470	0.0575	0.5137
PD: BAND 1/BAND 3	0.1476	0.0503	0.1493	0.0341	0.9457
PD: BAND 2/BAND 3	0.4617	0.1059	0.4286	0.0460	0.4992
PD VARIABILITY	2.11E-6	2.68E-6	6.64E-6	8.88E-6	0.2771
PDV: BAND 1	5.4 E-7	8 E-7	4.3 E-7	8.3 E-7	0.8345
PDV: BAND 2	4.35E-6	5.16E-6	8.73E-6	1.51E-5	0.5269
PDV: BAND 3	8.96E-6	1.53E-5	2.29E-5	3.37E-5	0.3770
PDV: BAND 1/BAND 2	1.6698	2.3554	0.0573	0.0710	0.1545
PDV: BAND 1/BAND 3	35.119	84.698	0.0685	0.1256	0.3573
PDV: BAND 2/BAND 3	6.9047	14.623	6.2874	13.607	0.9412

--- = Unable to Perform Statistics

APPENDIX 21 Continued

Null Hypothesis 2 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	94.7	18.1	89.7	15.0	0.6167
HR VARIABILITY	0.999	0.614	1.50	1.15	0.3677
R-AMPLITUDE (RA)	0.921	0.245	0.866	0.332	0.7480
RA VARIABILITY	1.78	1.25	2.16	0.838	0.5522
TOTAL POWER (TP)	0.0332	0.0204	0.0500	0.0384	0.3677
TP: BAND 1	0.0086	0.0092	0.0100	0.0076	0.7901
TP: BAND 2	0.0083	0.0053	0.0156	0.0090	0.1164
TP: BAND 3	0.0096	0.0089	0.0137	0.0150	0.5797
TP: BAND 1/BAND 2	1.39	2.03	0.761	0.646	0.5006
TP: BAND 1/BAND 3	17.7	42.1	2.87	4.72	0.4287
TP: BAND 2/BAND 3	3.86	7.44	2.82	3.13	0.7591
FREQ OF MAX POWER	0.1016	0.0866	0.0964	0.0835	0.9176
FMP: BAND 1	0.0442	0.0207	0.0390	0.0215	0.6788
FMP: BAND 2	0.1354	0.0426	0.1666	0.0161	0.1245
FMP: BAND 3	0.2161	0.0182	0.3072	0.1324	0.1540
FMP: BAND 1/BAND 2	0.3161	0.0912	0.2362	0.1309	0.2482
FMP: BAND 1/BAND 3	0.2010	0.0855	0.1410	0.0793	0.2369
FMP: BAND 2/BAND 3	0.6239	0.1858	0.6141	0.2112	0.9336

--- = Unable to Perform Statistics

APPENDIX 21 Continued

Null Hypothesis 2 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	94.7	18.1	89.7	15.0	0.6167
HR VARIABILITY	0.999	0.614	1.50	1.15	0.3677
R-AMPLITUDE (RA)	0.921	0.245	0.866	0.332	0.7480
RA VARIABILITY	1.78	1.25	2.16	0.838	0.5522
TOTAL POWER (TP)	0.0332	0.0204	0.0500	0.0384	0.3677
TP: BAND 1	0.0086	0.0092	0.0100	0.0076	0.7901
TP: BAND 2	0.0083	0.0053	0.0156	0.0090	0.1164
TP: BAND 3	0.0096	0.0089	0.0137	0.0150	0.5797
TP: BAND 1/BAND 2	1.39	2.03	0.761	0.646	0.5006
TP: BAND 1/BAND 3	17.7	42.1	2.87	4.72	0.4287
TP: BAND 2/BAND 3	3.86	7.44	2.82	3.13	0.7591
FREQ OF MAX POWER	0.1016	0.0866	0.0964	0.0835	0.9176
FMP: BAND 1	0.0442	0.0207	0.0390	0.0215	0.6788
FMP: BAND 2	0.1354	0.0426	0.1666	0.0161	0.1245
FMP: BAND 3	0.2161	0.0182	0.3072	0.1324	0.1540
FMP: BAND 1/BAND 2	0.3161	0.0912	0.2362	0.1309	0.2482
FMP: BAND 1/BAND 3	0.2010	0.0855	0.1410	0.0793	0.2369
FMP: BAND 2/BAND 3	0.6239	0.1858	0.6141	0.2112	0.9336

--- = Unable to Perform Statistics

APPENDIX 21 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2507	0.1095	0.2487	0.0901	0.9729
PD: BAND 1	0.0395	0.0097	0.0378	0.0104	0.7758
PD: BAND 2	0.1294	0.0173	0.1416	0.0129	0.1948
PD: BAND 3	0.3022	0.0318	0.3218	0.0398	0.3683
PD: BAND 1/BAND 2	0.3019	0.0407	0.2710	0.0822	0.4283
PD: BAND 1/BAND 3	0.1320	0.0350	0.1204	0.0410	0.6113
PD: BAND 2/BAND 3	0.4318	0.0713	0.4441	0.0538	0.7427
PD VARIABILITY	1.02E-6	1.31E-6	3.55E-6	4.67E-6	0.2498
PDV: BAND 1	2.9 E-7	3.5 E-7	5 E-7	8.2 E-7	0.5753
PDV: BAND 2	1.59E-6	2.37E-6	9.46E-6	1.24E-5	0.1861
PDV: BAND 3	2.01E-6	2.68E-6	9.14E-6	1.82E-5	0.3861
PDV: BAND 1/BAND 2	0.8532	1.6374	0.1049	0.1524	0.3150
PDV: BAND 1/BAND 3	157.90	386.55	1.8733	3.7936	0.3682
PDV: BAND 2/BAND 3	38.819	92.568	14.910	26.333	0.5660

--- = Unable to Perform Statistics

APPENDIX 21 Continued

Null Hypothesis 2 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	96.2	18.2	91.5	16.0	0.6486
HR VARIABILITY	1.18	0.729	1.71	1.14	0.3604
R-AMPLITUDE (RA)	0.920	0.240	0.888	0.297	0.8389
RA VARIABILITY	1.73	0.798	3.29	1.29	0.0305
TOTAL POWER (TP)	0.0394	0.0243	0.0570	0.0379	0.3606
TP: BAND 1	0.0098	0.0083	0.0202	0.0189	0.2432
TP: BAND 2	0.0112	0.0069	0.0122	0.0050	0.7698
TP: BAND 3	0.0104	0.0100	0.0151	0.0140	0.5228
TP: BAND 1/BAND 2	1.21	1.39	1.68	1.26	0.5441
TP: BAND 1/BAND 3	13.4	30.9	6.48	12.9	0.6227
TP: BAND 2/BAND 3	4.19	7.55	2.64	4.30	0.6710
FREQ OF MAX POWER	0.1354	0.0915	0.0690	0.0916	0.2374
FMP: BAND 1	0.0351	0.0154	0.0286	0.0264	0.6139
FMP: BAND 2	0.1328	0.0460	0.1601	0.0128	0.2132
FMP: BAND 3	0.2799	0.1189	0.2148	0.0230	0.2418
FMP: BAND 1/BAND 2	0.2694	0.0882	0.1803	0.1670	0.2750
FMP: BAND 1/BAND 3	0.1395	0.0796	0.1280	0.1127	0.8431
FMP: BAND 2/BAND 3	0.5090	0.1977	0.7513	0.0880	0.0208

--- = Unable to Perform Statistics

APPENDIX 21 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2350	0.1162	0.2104	0.0880	0.6888
PD: BAND 1	0.0298	0.0061	0.0301	0.0080	0.9425
PD: BAND 2	0.1263	0.0171	0.1335	0.0057	0.3605
PD: BAND 3	0.2958	0.0407	0.2916	0.0362	0.8533
PD: BAND 1/BAND 2	0.2363	0.0364	0.2268	0.0636	0.7579
PD: BAND 1/BAND 3	0.1028	0.0273	0.1050	0.0308	0.8943
PD: BAND 2/BAND 3	0.4302	0.0578	0.4634	0.0567	0.3389
PD VARIABILITY	9.3 E-7	1.3 E-6	1.19E-6	1.31E-6	0.7322
PDV: BAND 1	1.4 E-7	1.3 E-7	6.1 E-7	4.8 E-7	0.0632
PDV: BAND 2	2.18E-6	3.85E-6	1.7 E-6	1.34E-6	0.7850
PDV: BAND 3	2.13E-6	2.63E-6	3.28E-6	5 E-6	0.6290
PDV: BAND 1/BAND 2	0.4100	0.5477	0.4009	0.3470	0.9733
PDV: BAND 1/BAND 3	26.400	63.960	23.364	56.333	0.9322
PDV: BAND 2/BAND 3	29.163	69.184	25.616	60.470	0.9265

--- = Unable to Perform Statistics

APPENDIX 22

Null Hypothesis 3 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.6	15.9	92.1	18.3	0.8044
HR VARIABILITY	1.49	1.51	1.24	1.15	0.7539
R-AMPLITUDE (RA)	0.870	0.355	0.876	0.365	0.9762
RA VARIABILITY	0.676	0.551	2.12	3.91	0.4107
TOTAL POWER (TP)	0.0489	0.0496	0.0407	0.0378	0.7541
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0253	0.0246	0.0068	0.0105	0.1223
TP: BAND 3	0.0151	0.0151	0.0265	0.0253	0.3637
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	2.18	1.39	0.478	0.593	0.0202
FREQ OF MAX POWER	0.1458	0.0510	0.2708	0.1229	0.0442
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2916	0.1020	0.3409
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 22 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2904	0.0692	0.3762	0.1053	0.1264
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3565	0.0586	0.3185	0.0660	0.3162
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	2.27E-5	4.06E-5	2.25E-5	2.69E-5	0.9912
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	4.93E-5	1.09E-4	8.42E-5	1.09E-4	0.5924
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 22 Continued

Null Hypothesis 3 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.2	16.3	91.4	17.9	0.7493
HR VARIABILITY	1.57	1.56	1.71	1.31	0.8692
R-AMPLITUDE (RA)	0.877	0.371	0.854	0.363	0.9161
RA VARIABILITY	0.754	0.617	2.28	3.08	0.2842
TOTAL POWER (TP)	0.0520	0.0515	0.0566	0.0434	0.8692
TP: BAND 1	0.0124	0.0145	0.0054	0.0077	0.3274
TP: BAND 2	0.0157	0.0143	0.0146	0.0104	0.8872
TP: BAND 3	0.0131	0.0143	0.0261	0.0264	0.3129
TP: BAND 1/BAND 2	0.673	0.583	0.775	0.939	0.8272
TP: BAND 1/BAND 3	1.47	1.54	11.2	27.0	0.4170
TP: BAND 2/BAND 3	5.86	11.2	5.98	13.4	0.9870
FREQ OF MAX POWER	0.1146	0.0470	0.2396	0.0920	0.0142
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1458	0.0322	0.1666	0.0322	0.2897
FMP: BAND 3	0.2812	0.0765	0.2708	0.0322	0.7650
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5297	0.1116	0.6250	0.1508	0.2421

--- = Unable to Perform Statistics

APPENDIX 22 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2757	0.0844	0.2918	0.1136	0.7870
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1549	0.0251	0.1603	0.0200	0.6856
PD: BAND 3	0.3712	0.0538	0.3219	0.0349	0.0889
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4212	0.0722	0.5054	0.0999	0.1258
PD VARIABILITY	1.63E-5	2.35E-5	1.6 E-5	2.04E-5	0.9835
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	1.4 E-5	2.99E-5	9.58E-6	1.32E-5	0.7440
PDV: BAND 3	4.27E-5	7.96E-5	4.54E-5	5.42E-5	0.9461
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	375.54	918.20	757.18	1854.2	0.6611

--- = Unable to Perform Statistics

APPENDIX 22 Continued

Null Hypothesis 3 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.0	16.2	91.0	16.9	0.7612
HR VARIABILITY	1.43	1.15	1.66	1.15	0.7393
R-AMPLITUDE (RA)	0.868	0.363	0.852	0.324	0.9343
RA VARIABILITY	1.41	1.24	3.09	3.57	0.3188
TOTAL POWER (TP)	0.0475	0.0382	0.0550	0.0381	0.7394
TP: BAND 1	0.0085	0.0057	0.0077	0.0106	0.8709
TP: BAND 2	0.0144	0.0105	0.0129	0.0068	0.7754
TP: BAND 3	0.0150	0.0150	0.0206	0.0228	0.6287
TP: BAND 1/BAND 2	0.808	0.749	0.972	1.83	0.8425
TP: BAND 1/BAND 3	2.97	5.62	23.8	57.7	0.4190
TP: BAND 2/BAND 3	2.10	2.41	5.84	11.9	0.4823
FREQ OF MAX POWER	0.1042	0.0703	0.2448	0.2039	0.1601
FMP: BAND 1	0.0520	0.0161	0.0416	0.0161	0.2897
FMP: BAND 2	0.1510	0.0235	0.1562	0.0342	0.7650
FMP: BAND 3	0.3229	0.1306	0.2604	0.0378	0.3046
FMP: BAND 1/BAND 2	0.3472	0.1097	0.2722	0.0952	0.2349
FMP: BAND 1/BAND 3	0.1850	0.0894	0.1667	0.0803	0.7182
FMP: BAND 2/BAND 3	0.5376	0.2281	0.6036	0.1414	0.5608

--- = Unable to Perform Statistics

APPENDIX 22 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2631	0.0889	0.2947	0.1371	0.6455
PD: BAND 1	0.0494	0.0084	0.0419	0.0123	0.2442
PD: BAND 2	0.1425	0.0058	0.1461	0.0167	0.6372
PD: BAND 3	0.3356	0.0376	0.3102	0.0370	0.2663
PD: BAND 1/BAND 2	0.3470	0.0575	0.2869	0.0740	0.1475
PD: BAND 1/BAND 3	0.1493	0.0341	0.1389	0.0516	0.6866
PD: BAND 2/BAND 3	0.4286	0.0460	0.4744	0.0631	0.1818
PD VARIABILITY	6.64E-6	8.88E-6	9.64E-6	1.27E-5	0.6459
PDV: BAND 1	4.3 E-7	8.3 E-7	6.2 E-7	1.32E-6	0.7740
PDV: BAND 2	8.73E-6	1.51E-5	6.4 E-6	7.35E-6	0.7414
PDV: BAND 3	2.29E-5	3.37E-5	1.9 E-5	3.02E-5	0.8371
PDV: BAND 1/BAND 2	0.0573	0.0710	1.1897	2.8814	0.3800
PDV: BAND 1/BAND 3	0.0685	0.1256	380.06	930.92	0.3633
PDV: BAND 2/BAND 3	6.2874	13.607	55.303	130.89	0.4027

--- = Unable to Perform Statistics

APPENDIX 22 Continued

Null Hypothesis 3 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.7	15.0	88.6	15.3	0.9047
HR VARIABILITY	1.50	1.15	1.99	1.51	0.5404
R-AMPLITUDE (RA)	0.866	0.332	0.868	0.313	0.9925
RA VARIABILITY	2.16	0.838	3.54	4.15	0.4580
TOTAL POWER (TP)	0.0500	0.0384	0.0664	0.0503	0.5404
TP: BAND 1	0.0100	0.0076	0.0141	0.0101	0.4440
TP: BAND 2	0.0156	0.0090	0.0123	0.0078	0.5061
TP: BAND 3	0.0137	0.0150	0.0203	0.0195	0.5206
TP: BAND 1/BAND 2	0.761	0.646	1.64	1.70	0.2615
TP: BAND 1/BAND 3	2.87	4.72	7.34	16.6	0.5506
TP: BAND 2/BAND 3	2.82	3.13	2.11	3.24	0.7058
FREQ OF MAX POWER	0.0964	0.0835	0.1615	0.2302	0.5381
FMP: BAND 1	0.0390	0.0215	0.0338	0.0207	0.6788
FMP: BAND 2	0.1666	0.0161	0.1380	0.0318	0.0780
FMP: BAND 3	0.3072	0.1324	0.2500	0.0541	0.3499
FMP: BAND 1/BAND 2	0.2362	0.1309	0.2317	0.1059	0.9484
FMP: BAND 1/BAND 3	0.1410	0.0793	0.1298	0.0679	0.7981
FMP: BAND 2/BAND 3	0.6141	0.2112	0.5589	0.1159	0.5868

--- = Unable to Perform Statistics

APPENDIX 22 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2487	0.0901	0.2618	0.1259	0.8398
PD: BAND 1	0.0378	0.0104	0.0353	0.0080	0.6472
PD: BAND 2	0.1416	0.0129	0.1303	0.0114	0.1388
PD: BAND 3	0.3218	0.0398	0.2985	0.0368	0.3176
PD: BAND 1/BAND 2	0.2710	0.0822	0.2687	0.0433	0.9529
PD: BAND 1/BAND 3	0.1204	0.0410	0.1180	0.0225	0.8997
PD: BAND 2/BAND 3	0.4441	0.0538	0.4403	0.0532	0.9053
PD VARIABILITY	3.55E-6	4.67E-6	1.12E-5	2.09E-5	0.4176
PDV: BAND 1	5 E-7	8.2 E-7	7.7 E-7	8.1 E-7	0.5726
PDV: BAND 2	9.46E-6	1.24E-5	8.3 E-6	1.55E-5	0.8897
PDV: BAND 3	9.14E-6	1.82E-5	9.27E-6	1.11E-5	0.9882
PDV: BAND 1/BAND 2	0.1049	0.1524	0.9370	1.6658	0.2767
PDV: BAND 1/BAND 3	1.8733	3.7936	37.318	91.290	0.3855
PDV: BAND 2/BAND 3	14.910	26.333	9.8260	20.961	0.7191

--- = Unable to Perform Statistics

APPENDIX 22 Continued

Null Hypothesis 3 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	91.5	16.0	87.7	15.5	0.6839
HR VARIABILITY	1.71	1.14	2.08	1.86	0.6891
R-AMPLITUDE (RA)	0.888	0.297	0.863	0.326	0.893
RA VARIABILITY	3.29	1.29	4.71	6.24	0.6043
TOTAL POWER (TP)	0.0570	0.0379	0.0692	0.0621	0.6891
TP: BAND 1	0.0202	0.0189	0.0171	0.0127	0.7461
TP: BAND 2	0.0122	0.0050	0.0137	0.0083	0.7179
TP: BAND 3	0.0151	0.0140	0.0190	0.0192	0.6949
TP: BAND 1/BAND 2	1.68	1.26	1.29	0.735	0.5215
TP: BAND 1/BAND 3	6.48	12.9	5.58	11.9	0.9025
TP: BAND 2/BAND 3	2.64	4.30	2.72	4.70	0.9741
FREQ OF MAX POWER	0.0690	0.0916	0.1016	0.0757	0.5174
FMP: BAND 1	0.0286	0.0264	0.0312	0.0231	0.8597
FMP: BAND 2	0.1601	0.0128	0.1302	0.0290	0.0437
FMP: BAND 3	0.2148	0.0230	0.2773	0.0962	0.1772
FMP: BAND 1/BAND 2	0.1803	0.1670	0.2617	0.2281	0.4969
FMP: BAND 1/BAND 3	0.1280	0.1127	0.1214	0.0965	0.9160
FMP: BAND 2/BAND 3	0.7513	0.0880	0.4980	0.1502	0.0052

--- = Unable to Perform Statistics

APPENDIX 22 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2104	0.0880	0.2487	0.1030	0.5043
PD: BAND 1	0.0301	0.0080	0.0299	0.0073	0.9569
PD: BAND 2	0.1335	0.0057	0.1264	0.0093	0.1392
PD: BAND 3	0.2916	0.0362	0.3009	0.0484	0.7133
PD: BAND 1/BAND 2	0.2268	0.0636	0.2381	0.0588	0.7563
PD: BAND 1/BAND 3	0.1050	0.0308	0.0992	0.0174	0.6932
PD: BAND 2/BAND 3	0.4634	0.0567	0.4271	0.0606	0.3095
PD VARIABILITY	1.19E-6	1.31E-6	4.84E-6	7.74E-6	0.3043
PDV: BAND 1	6.1 E-7	4.8 E-7	9.5 E-7	9.8 E-7	0.4539
PDV: BAND 2	1.7 E-6	1.34E-6	3.04E-6	5.05E-6	0.5564
PDV: BAND 3	3.28E-6	5 E-6	7.77E-6	1.16E-5	0.4073
PDV: BAND 1/BAND 2	0.4009	0.3470	0.6957	0.7926	0.4234
PDV: BAND 1/BAND 3	23.364	56.333	30.416	74.023	0.8564
PDV: BAND 2/BAND 3	25.616	60.470	31.774	75.989	0.8797

--- = Unable to Perform Statistics

APPENDIX 23

Null Hypothesis 4 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.6	15.9	82.7	23.0	0.5603
HR VARIABILITY	1.49	1.51	0.823	0.859	0.3705
R-AMPLITUDE (RA)	0.870	0.355	0.807	0.268	0.7348
RA VARIABILITY	0.676	0.550	0.911	1.15	0.6630
TOTAL POWER (TP)	0.0489	0.0496	0.0270	0.0282	0.3711
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0253	0.0246	0.0035	0.0036	0.0833
TP: BAND 3	0.0151	0.0151	0.0147	0.0208	0.9703
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	2.18	1.39	0.885	1.49	0.1503
FREQ OF MAX POWER	0.1458	0.0510	0.4167	0.2189	0.0284
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.3541	0.1228	0.0646
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 23 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2904	0.0692	0.5481	0.2758	0.0715
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3565	0.0586	0.3469	0.0414	0.7491
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	2.27E-5	4.06E-5	8.8 E-6	1.84E-5	0.4616
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	4.93E-5	1.09E-4	1.70E-5	3.94E-5	0.5214
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 23 Continued

Null Hypothesis 4 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.2	16.3	84.2	14.5	0.6641
HR VARIABILITY	1.57	1.56	2.97	2.83	0.3128
R-AMPLITUDE (RA)	0.877	0.371	0.797	0.285	0.6824
RA VARIABILITY	0.754	0.617	1.26	1.20	0.3759
TOTAL POWER (TP)	0.0520	0.0515	0.0984	0.0936	0.3127
TP: BAND 1	0.0124	0.0145	0.0559	0.0738	0.2115
TP: BAND 2	0.0157	0.0143	0.0114	0.0078	0.5392
TP: BAND 3	0.0131	0.0143	0.0163	0.0162	0.7249
TP: BAND 1/BAND 2	0.674	0.583	4.00	3.48	0.0663
TP: BAND 1/BAND 3	1.47	1.54	4.24	3.67	0.1191
TP: BAND 2/BAND 3	5.86	11.2	1.35	1.69	0.3718
FREQ OF MAX POWER	0.1146	0.0470	0.1250	0.1531	0.8787
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1458	0.0322	0.1562	0.0342	0.5995
FMP: BAND 3	0.2812	0.0765	0.2812	0.0765	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5297	0.1116	0.5714	0.1410	0.5830

--- = Unable to Perform Statistics

APPENDIX 23 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2757	0.0844	0.3043	0.1274	0.6566
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1549	0.0251	0.1589	0.0165	0.7502
PD: BAND 3	0.3712	0.0538	0.3544	0.0558	0.6062
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4212	0.0722	0.4573	0.0800	0.4322
PD VARIABILITY	1.63E-5	2.35E-5	2.78E-5	2.94E-5	0.4702
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	1.4 E-5	2.99E-5	6.9 E-6	7.02E-6	0.5906
PDV: BAND 3	4.27E-5	7.96E-5	7.54E-5	1.53E-4	0.6531
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	375.54	918.20	7.4031	17.917	0.3712

--- = Unable to Perform Statistics

APPENDIX 23 Continued

Null Hypothesis 4 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.0	16.2	84.9	14.2	0.7342
HR VARIABILITY	1.43	1.15	3.00	2.28	0.1638
R-AMPLITUDE (RA)	0.868	0.363	0.835	0.273	0.8617
RA VARIABILITY	1.41	1.24	3.74	6.03	0.3942
TOTAL POWER (TP)	0.0475	0.0382	0.0995	0.0756	0.1638
TP: BAND 1	0.0085	0.0057	0.0338	0.0281	0.0799
TP: BAND 2	0.0144	0.0105	0.0163	0.0155	0.8042
TP: BAND 3	0.0150	0.0150	0.0238	0.0237	0.4614
TP: BAND 1/BAND 2	0.808	0.749	3.18	3.18	0.1292
TP: BAND 1/BAND 3	2.97	5.62	6.16	9.31	0.4888
TP: BAND 2/BAND 3	2.10	2.41	1.49	1.73	0.6240
FREQ OF MAX POWER	0.1402	0.0703	0.1198	0.1389	0.8108
FMP: BAND 1	0.0520	0.0161	0.0416	0.0161	0.2897
FMP: BAND 2	0.1510	0.0235	0.1354	0.0470	0.4835
FMP: BAND 3	0.3229	0.1306	0.2604	0.0675	0.3223
FMP: BAND 1/BAND 2	0.3472	0.1097	0.3388	0.1769	0.9238
FMP: BAND 1/BAND 3	0.1850	0.0894	0.1662	0.0691	0.6931
FMP: BAND 2/BAND 3	0.5376	0.2281	0.5166	0.1179	0.8451

--- = Unable to Perform Statistics

APPENDIX 23 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2631	0.0889	0.2708	0.1194	0.9011
PD: BAND 1	0.0494	0.0084	0.0434	0.0080	0.2387
PD: BAND 2	0.1425	0.0058	0.1459	0.0193	0.6946
PD: BAND 3	0.3356	0.0376	0.3277	0.0387	0.7277
PD: BAND 1/BAND 2	0.3470	0.0575	0.3026	0.0751	0.2769
PD: BAND 1/BAND 3	0.1493	0.0341	0.1360	0.0379	0.5371
PD: BAND 2/BAND 3	0.4286	0.0460	0.4489	0.0652	0.5472
PD VARIABILITY	6.64E-6	8.88E-6	2.73E-5	3.67E-5	0.2321
PDV: BAND 1	4.3 E-7	8.3 E-7	1.76E-5	3.96E-5	0.3356
PDV: BAND 2	8.73E-6	1.51E-5	8.67E-6	1.23E-5	0.9940
PDV: BAND 3	2.29E-5	3.37E-5	2.89E-5	4.43E-5	0.7992
PDV: BAND 1/BAND 2	0.0573	0.0710	9.7725	19.083	0.2676
PDV: BAND 1/BAND 3	0.0685	0.1256	9.9882	17.282	0.2187
PDV: BAND 2/BAND 3	6.2874	13.607	6.2373	13.228	0.9950

--- = Unable to Perform Statistics

APPENDIX 23 Continued

Null Hypothesis 4 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.7	15.0	86.3	14.3	0.6923
HR VARIABILITY	1.50	1.15	3.00	2.14	0.1636
R-AMPLITUDE (RA)	0.866	0.332	0.845	0.242	0.9026
RA VARIABILITY	2.16	0.838	6.20	9.59	0.3503
TOTAL POWER (TP)	0.0500	0.0384	0.0997	0.0713	0.1636
TP: BAND 1	0.0100	0.0076	0.0268	0.0192	0.0746
TP: BAND 2	0.0156	0.0090	0.0176	0.0142	0.7812
TP: BAND 3	0.0137	0.0150	0.0287	0.0263	0.2516
TP: BAND 1/BAND 2	0.761	0.646	2.10	1.97	0.1625
TP: BAND 1/BAND 3	2.87	4.72	8.95	19.0	0.4775
TP: BAND 2/BAND 3	2.82	3.13	2.12	3.47	0.7216
FREQ OF MAX POWER	0.0964	0.0835	0.2135	0.2375	0.2964
FMP: BAND 1	0.0390	0.0215	0.0364	0.0127	0.8040
FMP: BAND 2	0.1666	0.0161	0.1223	0.0517	0.0927
FMP: BAND 3	0.3072	0.1324	0.2630	0.0960	0.5224
FMP: BAND 1/BAND 2	0.2362	0.1309	0.3293	0.1585	0.2933
FMP: BAND 1/BAND 3	0.1410	0.0793	0.1490	0.0684	0.8555
FMP: BAND 2/BAND 3	0.6141	0.2112	0.4913	0.2286	0.3565

--- = Unable to Perform Statistics

APPENDIX 23 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2487	0.0901	0.2749	0.1251	0.6859
PD: BAND 1	0.0378	0.0104	0.0345	0.0086	0.5605
PD: BAND 2	0.1416	0.0129	0.1318	0.0150	0.2539
PD: BAND 3	0.3218	0.0398	0.3217	0.0426	0.9954
PD: BAND 1/BAND 2	0.2710	0.0822	0.2612	0.0577	0.8149
PD: BAND 1/BAND 3	0.1204	0.0410	0.1069	0.0214	0.4909
PD: BAND 2/BAND 3	0.4441	0.0538	0.4149	0.0623	0.4065
PD VARIABILITY	3.55E-6	4.67E-6	1.79E-5	2.6 E-5	0.2387
PDV: BAND 1	5 E-7	8.2 E-7	3.33E-6	3.05E-6	0.0732
PDV: BAND 2	9.46E-6	1.24E-5	3.33E-6	3.1 E-6	0.2902
PDV: BAND 3	9.14E-6	1.82E-5	3.46E-5	5.52E-5	0.3229
PDV: BAND 1/BAND 2	0.1049	0.1524	2.6576	3.8847	0.1685
PDV: BAND 1/BAND 3	1.8733	3.7936	29.062	69.098	0.3798
PDV: BAND 2/BAND 3	14.910	26.333	7.2989	17.363	0.5676

--- = Unable to Perform Statistics

APPENDIX 23 Continued

Null Hypothesis 4 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	91.5	16.0	85.5	13.8	0.5017
HR VARIABILITY	1.71	1.14	2.87	1.87	0.2255
R-AMPLITUDE (RA)	0.888	0.297	0.852	0.244	0.8240
RA VARIABILITY	3.29	1.29	5.47	7.95	0.5342
TOTAL POWER (TP)	0.0570	0.0379	0.0955	0.0623	0.2255
TP: BAND 1	0.0202	0.0189	0.0221	0.0135	0.8482
TP: BAND 2	0.0122	0.0050	0.0167	0.0105	0.3490
TP: BAND 3	0.0151	0.0140	0.0294	0.0250	0.2473
TP: BAND 1/BAND 2	1.68	1.26	1.63	1.61	0.9468
TP: BAND 1/BAND 3	6.48	12.9	5.17	10.8	0.8525
TP: BAND 2/BAND 3	2.64	4.30	1.53	2.04	0.5813
FREQ OF MAX POWER	0.0690	0.0916	0.2096	0.2413	0.2115
FMP: BAND 1	0.0286	0.0264	0.0208	0.0117	0.5236
FMP: BAND 2	0.1601	0.0128	0.1080	0.0399	0.0227
FMP: BAND 3	0.2148	0.0230	0.2890	0.1053	0.1481
FMP: BAND 1/BAND 2	0.1803	0.1670	0.2331	0.1964	0.6267
FMP: BAND 1/BAND 3	0.1280	0.1127	0.0694	0.0203	0.2630
FMP: BAND 2/BAND 3	0.7513	0.0880	0.4276	0.2186	0.0072

--- = Unable to Perform Statistics

APPENDIX 23 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2104	0.0880	0.2714	0.1238	0.3485
PD: BAND 1	0.0301	0.0080	0.0292	0.0035	0.8061
PD: BAND 2	0.1335	0.0057	0.1219	0.0038	0.0020
PD: BAND 3	0.2916	0.0362	0.3130	0.0393	0.3490
PD: BAND 1/BAND 2	0.2268	0.0636	0.2402	0.0304	0.6505
PD: BAND 1/BAND 3	0.1050	0.0308	0.0938	0.0083	0.4244
PD: BAND 2/BAND 3	0.4634	0.0567	0.3952	0.0560	0.0627
PD VARIABILITY	1.19E-6	1.31E-6	7.25E-6	8.55E-6	0.1443
PDV: BAND 1	6.1 E-7	4.8 E-7	8.9 E-7	1.03E-6	0.5574
PDV: BAND 2	1.7 E-6	1.34E-6	2.72E-6	3.21E-6	0.4916
PDV: BAND 3	3.28E-6	5 E-6	9.14E-6	9.57E-6	0.2132
PDV: BAND 1/BAND 2	0.4009	0.3470	0.9803	1.3828	0.3607
PDV: BAND 1/BAND 3	23.364	56.333	3.6740	8.1567	0.4342
PDV: BAND 2/BAND 3	25.616	60.470	2.0603	4.2147	0.3845

--- = Unable to Perform Statistics

APPENDIX 24

Null Hypothesis 5 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	82.7	23.0	95.6	14.7	0.2747
HR VARIABILITY	0.823	0.859	3.74	3.83	0.1230
R-AMPLITUDE (RA)	0.807	0.268	0.878	0.397	0.7230
RA VARIABILITY	0.910	1.15	0.692	0.722	0.703
TOTAL POWER (TP)	0.0270	0.0282	0.123	0.126	0.123
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0035	0.0036	0.0551	0.0758	0.1569
TP: BAND 3	0.0147	0.0208	0.0489	0.0467	0.1321
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	0.885	1.49	4.53	8.64	0.3527
FREQ OF MAX POWER	0.4167	0.2189	0.2292	0.2003	0.1527
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3541	0.1228	0.2708	0.0510	0.1561
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 24 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.5481	0.2758	0.3385	0.1555	0.1359
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3469	0.0414	0.3370	0.0530	0.7283
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	8.8 E-6	1.84E-5	9.86E-5	1.38E-4	0.1756
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1.70E-5	3.94E-5	1.39E-4	2.63E-4	0.3082
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 24 Continued

Null Hypothesis 5 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	84.2	14.5	95.6	17.7	0.2501
HR VARIABILITY	2.97	2.83	3.18	2.53	0.8960
R-AMPLITUDE (RA)	0.797	0.285	0.844	0.356	0.8033
RA VARIABILITY	1.26	1.20	4.64	7.57	0.3280
TOTAL POWER (TP)	0.0984	0.0936	0.105	0.0836	0.8961
TP: BAND 1	0.0559	0.0738	0.0544	0.0676	0.9708
TP: BAND 2	0.0114	0.0078	0.0101	0.0095	0.8017
TP: BAND 3	0.0163	0.0162	0.0255	0.0212	0.4206
TP: BAND 1/BAND 2	4.00	3.48	5.12	4.98	0.6620
TP: BAND 1/BAND 3	4.24	3.67	3.76	4.30	0.8371
TP: BAND 2/BAND 3	1.35	1.69	0.739	0.672	0.4298
FREQ OF MAX POWER	0.1250	0.1531	0.1458	0.1753	0.8309
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1458	0.0322	0.5995
FMP: BAND 3	0.2812	0.0765	0.2916	0.1020	0.8455
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5714	0.1410	0.5208	0.1228	0.5227

--- = Unable to Perform Statistics

APPENDIX 24 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3043	0.1274	0.2590	0.1576	0.5955
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1589	0.0165	0.1450	0.0185	0.1999
PD: BAND 3	0.3544	0.0558	0.3407	0.0629	0.6977
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4573	0.0800	0.4362	0.0903	0.6774
PD VARIABILITY	2.78E-5	2.94E-5	2.57E-5	2.59E-5	0.8983
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	6.9 E-6	7.02E-6	5.27E-6	8.61E-6	0.7279
PDV: BAND 3	7.54E-5	1.53E-4	5.68E-5	1.12E-4	0.8160
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	7.4031	17.917	0.6426	0.6991	0.3980

--- = Unable to Perform Statistics

APPENDIX 24 Continued

Null Hypothesis 5 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	84.9	14.2	93.0	16.8	0.3901
HR VARIABILITY	3.00	2.28	2.89	2.15	0.9333
R-AMPLITUDE (RA)	0.835	0.273	0.831	0.330	0.9818
RA VARIABILITY	3.74	6.03	3.69	4.86	0.9866
TOTAL POWER (TP)	0.0995	0.0756	0.0958	0.0712	0.9332
TP: BAND 1	0.0338	0.0281	0.0520	0.0585	0.5059
TP: BAND 2	0.0163	0.0155	0.0121	0.0106	0.5952
TP: BAND 3	0.0238	0.0237	0.0177	0.0151	0.6057
TP: BAND 1/BAND 2	3.18	3.18	5.76	6.25	0.3897
TP: BAND 1/BAND 3	6.16	9.31	6.22	9.16	0.9914
TP: BAND 2/BAND 3	1.49	1.73	1.27	1.31	0.8088
FREQ OF MAX POWER	0.1198	0.1389	0.0573	0.0365	0.3300
FMP: BAND 1	0.0416	0.0161	0.0468	0.0171	0.5995
FMP: BAND 2	0.1354	0.0470	0.1302	0.0307	0.8250
FMP: BAND 3	0.2604	0.0675	0.2916	0.1129	0.5737
FMP: BAND 1/BAND 2	0.3388	0.1769	0.3833	0.1810	0.6763
FMP: BAND 1/BAND 3	0.1662	0.0691	0.1785	0.0874	0.7925
FMP: BAND 2/BAND 3	0.5166	0.1179	0.4880	0.1830	0.7545

--- = Unable to Perform Statistics

APPENDIX 24 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2708	0.1194	0.2247	0.1284	0.5339
PD: BAND 1	0.0434	0.0080	0.0473	0.0133	0.5587
PD: BAND 2	0.1459	0.0193	0.1324	0.0174	0.2318
PD: BAND 3	0.3277	0.0387	0.3412	0.0631	0.6640
PD: BAND 1/BAND 2	0.3026	0.0751	0.3625	0.1134	0.3066
PD: BAND 1/BAND 3	0.1360	0.0379	0.1444	0.0529	0.7599
PD: BAND 2/BAND 3	0.4489	0.0652	0.4041	0.1166	0.4301
PD VARIABILITY	2.73E-5	3.67E-5	9.98E-6	9.41E-6	0.3079
PDV: BAND 1	1.76E-5	3.96E-5	8.18E-5	1.69E-4	0.4054
PDV: BAND 2	8.67E-6	1.23E-5	4.74E-6	6.76E-6	0.5100
PDV: BAND 3	2.89E-5	4.43E-5	2.36E-5	3.54E-5	0.8240
PDV: BAND 1/BAND 2	9.7725	19.083	19.133	28.747	0.5214
PDV: BAND 1/BAND 3	9.9882	17.282	17.416	26.073	0.5737
PDV: BAND 2/BAND 3	6.2373	13.228	2.1534	4.1843	0.4981

--- = Unable to Perform Statistics

APPENDIX 24 Continued

Null Hypothesis 5 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	86.3	14.3	92.2	15.8	0.5106
HR VARIABILITY	3.00	2.14	2.64	1.72	0.7562
R-AMPLITUDE (RA)	0.845	0.242	0.830	0.316	0.9280
RA VARIABILITY	6.20	9.59	3.09	2.56	0.4743
TOTAL POWER (TP)	0.0997	0.0713	0.0878	0.0573	0.7563
TP: BAND 1	0.0268	0.0192	0.0422	0.0438	0.4460
TP: BAND 2	0.0176	0.0142	0.0148	0.0060	0.6697
TP: BAND 3	0.0287	0.0263	0.0189	0.0141	0.4392
TP: BAND 1/BAND 2	2.10	1.97	2.71	2.38	0.6412
TP: BAND 1/BAND 3	8.95	19.0	3.08	3.78	0.4892
TP: BAND 2/BAND 3	2.12	3.47	1.60	1.89	0.7543
FREQ OF MAX POWER	0.2135	0.2375	0.0573	0.0365	0.1698
FMP: BAND 1	0.0364	0.0127	0.0468	0.0171	0.2596
FMP: BAND 2	0.1223	0.0517	0.1354	0.0403	0.6374
FMP: BAND 3	0.2630	0.0960	0.2291	0.0415	0.4464
FMP: BAND 1/BAND 2	0.3293	0.1585	0.4070	0.2579	0.5439
FMP: BAND 1/BAND 3	0.1490	0.0684	0.2106	0.0860	0.2001
FMP: BAND 2/BAND 3	0.4913	0.2286	0.6091	0.2291	0.3937

--- = Unable to Perform Statistics

APPENDIX 24 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2749	0.1251	0.2099	0.0922	0.3303
PD: BAND 1	0.0345	0.0086	0.0398	0.0116	0.3951
PD: BAND 2	0.1318	0.0150	0.1327	0.0128	0.9142
PD: BAND 3	0.3217	0.0426	0.3131	0.0450	0.7403
PD: BAND 1/BAND 2	0.2612	0.0577	0.3058	0.1049	0.3826
PD: BAND 1/BAND 3	0.1069	0.0214	0.1312	0.0501	0.3019
PD: BAND 2/BAND 3	0.4149	0.0623	0.4327	0.0830	0.6832
PD VARIABILITY	1.79E-5	2.6 E-5	3.1 E-6	2.65E-6	0.2239
PDV: BAND 1	3.33E-6	3.05E-6	7.75E-6	1.38E-5	0.4764
PDV: BAND 2	3.33E-6	3.1 E-6	3.1 E-6	1.77E-6	0.8812
PDV: BAND 3	3.46E-5	5.52E-5	9.43E-6	1.16E-5	0.3195
PDV: BAND 1/BAND 2	2.6576	3.8847	2.2348	3.4160	0.8454
PDV: BAND 1/BAND 3	29.062	69.098	2.2353	2.8218	0.3855
PDV: BAND 2/BAND 3	7.2989	17.363	4.1450	7.4360	0.6912

--- = Unable to Perform Statistics

APPENDIX 24 Continued

Null Hypothesis 5 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	85.5	13.8	91.0	16.6	0.5481
HR VARIABILITY	2.87	1.87	2.35	1.18	0.5791
R-AMPLITUDE (RA)	0.852	0.244	0.867	0.317	0.9285
RA VARIABILITY	5.47	7.95	6.59	6.57	0.7959
TOTAL POWER (TP)	0.0955	0.0623	0.0783	0.0393	0.5792
TP: BAND 1	0.0221	0.0135	0.0345	0.0258	0.3210
TP: BAND 2	0.0169	0.0105	0.0149	0.0058	0.6916
TP: BAND 3	0.0294	0.0250	0.0173	0.0101	0.2944
TP: BAND 1/BAND 2	1.63	1.61	2.29	1.40	0.4651
TP: BAND 1/BAND 3	5.18	10.8	3.62	4.36	0.7499
TP: BAND 2/BAND 3	1.53	2.04	2.19	3.59	0.7040
FREQ OF MAX POWER	0.2096	0.2413	0.0508	0.0717	0.1743
FMP: BAND 1	0.0208	0.0117	0.0273	0.0176	0.4693
FMP: BAND 2	0.1080	0.0399	0.1445	0.0311	0.1085
FMP: BAND 3	0.2890	0.1053	0.2174	0.0272	0.1615
FMP: BAND 1/BAND 2	0.2331	0.1964	0.1818	0.1122	0.5908
FMP: BAND 1/BAND 3	0.0694	0.0203	0.1303	0.0912	0.1665
FMP: BAND 2/BAND 3	0.4276	0.2186	0.6771	0.1769	0.0549

--- = Unable to Perform Statistics

APPENDIX 24 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2714	0.1238	0.2058	0.0777	0.2974
PD: BAND 1	0.0292	0.0035	0.0293	0.0076	0.9831
PD: BAND 2	0.1219	0.0038	0.1284	0.0086	0.1248
PD: BAND 3	0.3130	0.0393	0.3045	0.0385	0.7124
PD: BAND 1/BAND 2	0.2402	0.0304	0.2288	0.0572	0.6749
PD: BAND 1/BAND 3	0.0938	0.0083	0.0970	0.0249	0.7753
PD: BAND 2/BAND 3	0.3952	0.0560	0.4274	0.0599	0.3596
PD VARIABILITY	7.25E-6	8.55E-6	1.28E-6	1.25E-6	0.1491
PDV: BAND 1	8.9 E-7	1.03E-6	2.33E-6	3.31E-6	0.3479
PDV: BAND 2	2.72E-6	3.21E-6	1.85E-6	1.77E-6	0.5765
PDV: BAND 3	9.14E-6	9.57E-6	3.36E-6	2.81E-6	0.2071
PDV: BAND 1/BAND 2	0.9803	1.3828	1.7318	2.3497	0.5148
PDV: BAND 1/BAND 3	3.6740	8.1567	1.9465	2.9877	0.6367
PDV: BAND 2/BAND 3	2.0603	4.2147	11.507	27.172	0.4369

--- = Unable to Perform Statistics

APPENDIX 25

Null Hypothesis 6 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	84.7	15.9	140	35.9	0.0062
HR VARIABILITY	2.06	1.84	1.92	1.28	0.8796
R-AMPLITUDE (RA)	0.874	0.306	1.00	0.467	0.5809
RA VARIABILITY	0.695	0.623	2.00	2.04	0.1845
TOTAL POWER (TP)	0.0677	0.0605	0.0630	0.0419	0.8803
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0155	0.0124	0.0435	0.0328	0.0791
TP: BAND 3	0.0430	0.0451	0.0131	0.0100	0.1698
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.34	2.57	3.99	2.34	0.0911
FREQ OF MAX POWER	0.3125	0.1531	0.1250	0.0000	0.0133
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1290	0.2500	0.0000	0.1449
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 25 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3489	0.1297	0.3064	0.0540	0.4755
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3343	0.0643	0.3190	0.0092	0.5873
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	6.64E-5	1.23E-4	1.07E-5	1.3 E-5	0.3194
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	2.18E-4	3.98E-4	2.12E-6	3.31E-6	0.2412
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 25 Continued

Null Hypothesis 6 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.6	15.6	152	30.3	0.0006
HR VARIABILITY	2.28	1.95	4.99	3.53	0.1307
R-AMPLITUDE (RA)	0.873	0.314	0.942	0.435	0.7579
RA VARIABILITY	0.715	0.373	3.83	2.72	0.0376
TOTAL POWER (TP)	0.0755	0.0646	0.165	0.117	0.1307
TP: BAND 1	0.0171	0.0217	0.0954	0.0678	0.0359
TP: BAND 2	0.0170	0.0173	0.0432	0.0333	0.1178
TP: BAND 3	0.0259	0.0264	0.0157	0.0112	0.4025
TP: BAND 1/BAND 2	1.45	2.09	4.57	5.39	0.2160
TP: BAND 1/BAND 3	2.51	5.58	12.1	14.8	0.1674
TP: BAND 2/BAND 3	1.23	1.13	2.68	0.784	0.0273
FREQ OF MAX POWER	0.1875	0.1118	0.0625	0.0000	0.0209
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1458	0.0322	0.1250	0.0000	0.1449
FMP: BAND 3	0.3125	0.0559	0.2500	0.0000	0.0209
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.4805	0.1469	0.5000	0.0000	0.7526

--- = Unable to Perform Statistics

APPENDIX 25 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2923	0.1008	0.1836	0.0477	0.0381
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1553	0.0186	0.1421	0.0019	0.1439
PD: BAND 3	0.3395	0.0377	0.3316	0.0149	0.6413
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4614	0.0697	0.4293	0.0205	0.3228
PD VARIABILITY	2.59E-5	3.58E-5	1.81E-5	1.57E-5	0.6366
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	4.69E-5	1.06E-4	1.86E-5	2.09E-5	0.5480
PDV: BAND 3	3.85E-5	5.1 E-5	9.8 E-7	1.33E-6	0.1314
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	1.5161	2.5810	25.486	27.486	0.0859

--- = Unable to Perform Statistics

APPENDIX 25 Continued

Null Hypothesis 6 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.8	16.0	166	24.9	0.0000
HR VARIABILITY	2.15	1.73	7.11	5.25	0.0698
R-AMPLITUDE (RA)	0.879	0.323	0.894	0.403	0.9335
RA VARIABILITY	1.08	0.687	3.86	3.07	0.0777
TOTAL POWER (TP)	0.0713	0.0574	0.236	0.174	0.0698
TP: BAND 1	0.0132	0.0132	0.183	0.141	0.0315
TP: BAND 2	0.0170	0.0139	0.0348	0.0241	0.1485
TP: BAND 3	0.0248	0.0191	0.0111	0.0092	0.1462
TP: BAND 1/BAND 2	0.797	1.02	4.38	1.70	0.0013
TP: BAND 1/BAND 3	1.04	1.70	17.1	12.1	0.0225
TP: BAND 2/BAND 3	0.961	0.575	3.85	1.81	0.0098
FREQ OF MAX POWER	0.1458	0.0831	0.0313	0.0000	0.0070
FMP: BAND 1	0.0468	0.0171	0.0312	0.0000	0.0493
FMP: BAND 2	0.1510	0.0307	0.0937	0.0000	0.0010
FMP: BAND 3	0.2343	0.0261	0.2187	0.0000	0.1739
FMP: BAND 1/BAND 2	0.3305	0.1564	0.3333	0.0000	0.9662
FMP: BAND 1/BAND 3	0.2007	0.0739	0.1428	0.0000	0.0842
FMP: BAND 2/BAND 3	0.6461	0.1266	0.4285	0.0000	0.0018

--- = Unable to Perform Statistics

APPENDIX 25 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2715	0.0923	0.1171	0.0314	0.0079
PD: BAND 1	0.0486	0.0115	0.0379	0.0037	0.0737
PD: BAND 2	0.1441	0.0168	0.1204	0.0048	0.0172
PD: BAND 3	0.3130	0.0293	0.3108	0.0061	0.8613
PD: BAND 1/BAND 2	0.3450	0.0997	0.3156	0.0359	0.5208
PD: BAND 1/BAND 3	0.1584	0.0472	0.1221	0.0134	0.1225
PD: BAND 2/BAND 3	0.4624	0.0569	0.3873	0.0122	0.0226
PD VARIABILITY	1.42E-5	1.92E-5	1.14E-5	1.05E-5	0.7561
PDV: BAND 1	4.5 E-7	9 E-7	1.65E-4	2.25E-4	0.1331
PDV: BAND 2	1.74E-5	2.93E-5	6.8 E-6	1.02E-5	0.4318
PDV: BAND 3	2.91E-5	4.12E-5	4.8 E-7	4.7 E-7	0.1488
PDV: BAND 1/BAND 2	0.0406	0.0526	22.346	30.551	0.1337
PDV: BAND 1/BAND 3	0.0681	0.1410	446.40	813.97	0.2370
PDV: BAND 2/BAND 3	1.2969	0.9881	27.407	38.080	0.1539

--- = Unable to Perform Statistics

APPENDIX 25 Continued

Null Hypothesis 6 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	85.3	14.8	178	27.2	0.0000
HR VARIABILITY	2.42	1.57	8.04	7.63	0.1331
R-AMPLITUDE (RA)	0.890	0.342	0.889	0.365	0.9981
RA VARIABILITY	1.69	1.52	4.21	4.03	0.1814
TOTAL POWER (TP)	0.0805	0.0521	0.268	0.254	0.1331
TP: BAND 1	0.0155	0.0108	0.218	0.210	0.0640
TP: BAND 2	0.0195	0.0108	0.0319	0.0265	0.3127
TP: BAND 3	0.0261	0.0191	0.0107	0.0114	0.1203
TP: BAND 1/BAND 2	0.826	0.562	6.25	1.04	0.0000
TP: BAND 1/BAND 3	0.994	1.34	25.6	11.4	0.0031
TP: BAND 2/BAND 3	1.01	0.592	4.29	2.37	0.0185
FREQ OF MAX POWER	0.2656	0.2355	0.0183	0.0064	0.0499
FMP: BAND 1	0.0364	0.0161	0.0182	0.0063	0.0277
FMP: BAND 2	0.1484	0.0404	0.0807	0.0063	0.0090
FMP: BAND 3	0.2265	0.0324	0.2031	0.0000	0.1068
FMP: BAND 1/BAND 2	0.2712	0.1426	0.2277	0.0854	0.5359
FMP: BAND 1/BAND 3	0.1692	0.0880	0.0897	0.0314	0.0806
FMP: BAND 2/BAND 3	0.6500	0.1329	0.3974	0.0314	0.0050

--- = Unable to Perform Statistics

APPENDIX 25 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2620	0.0940	0.0793	0.0093	0.0050
PD: BAND 1	0.0410	0.0102	0.0265	0.0015	0.0174
PD: BAND 2	0.1434	0.0110	0.1109	0.0053	0.0001
PD: BAND 3	0.3012	0.0240	0.3009	0.0041	0.9769
PD: BAND 1/BAND 2	0.2881	0.0728	0.2394	0.0170	0.1665
PD: BAND 1/BAND 3	0.1384	0.0426	0.0881	0.0056	0.0342
PD: BAND 2/BAND 3	0.4783	0.0489	0.3686	0.0157	0.0019
PD VARIABILITY	1.19E-5	1.57E-5	4.62E-6	6.71E-6	0.3223
PDV: BAND 1	6.9 E-7	5 E-7	3.72E-5	4.22E-5	0.0873
PDV: BAND 2	6.37E-6	5.83E-6	2.12E-6	1.97E-6	0.1406
PDV: BAND 3	1.22E-5	1.57E-5	2.7 E-7	4 E-7	0.1202
PDV: BAND 1/BAND 2	0.2305	0.2764	12.377	7.3363	0.0098
PDV: BAND 1/BAND 3	0.3945	0.6615	288.43	325.21	0.0822
PDV: BAND 2/BAND 3	1.3585	1.2839	34.174	46.904	0.1473

--- = Unable to Perform Statistics

APPENDIX 25 Continued

Null Hypothesis 6 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	86.2	15.6	188	28.8	0.0000
HR VARIABILITY	2.25	1.09	6.12	5.78	0.1648
R-AMPLITUDE (RA)	0.896	0.348	0.863	0.318	0.8692
RA VARIABILITY	2.17	1.43	4.60	4.46	0.2512
TOTAL POWER (TP)	0.0751	0.0363	0.204	0.193	0.1648
TP: BAND 1	0.0183	0.0118	0.183	0.180	0.0750
TP: BAND 2	0.0170	0.0069	0.0139	0.0087	0.5142
TP: BAND 3	0.0255	0.0171	0.0043	0.0036	0.0285
TP: BAND 1/BAND 2	1.09	0.676	11.5	5.69	0.0062
TP: BAND 1/BAND 3	1.31	1.77	40.0	5.66	0.0001
TP: BAND 2/BAND 3	0.958	0.699	4.12	1.83	0.0027
FREQ OF MAX POWER	0.1745	0.1956	0.0156	0.0099	0.1035
FMP: BAND 1	0.0221	0.0151	0.0156	0.0098	0.3989
FMP: BAND 2	0.1289	0.0465	0.0781	0.0098	0.0441
FMP: BAND 3	0.2382	0.0768	0.1992	0.0095	0.2700
FMP: BAND 1/BAND 2	0.2301	0.2330	0.1941	0.1151	0.7418
FMP: BAND 1/BAND 3	0.1044	0.0775	0.0785	0.0507	0.5094
FMP: BAND 2/BAND 3	0.5633	0.2309	0.3921	0.0466	0.1312

--- = Unable to Perform Statistics

APPENDIX 25 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2395	0.0931	0.0532	0.0124	0.0043
PD: BAND 1	0.0303	0.0050	0.0185	0.0052	0.0026
PD: BAND 2	0.1345	0.0137	0.1083	0.0044	0.0042
PD: BAND 3	0.2929	0.0267	0.2962	0.0061	0.7741
PD: BAND 1/BAND 2	0.2290	0.0553	0.1710	0.0486	0.0825
PD: BAND 1/BAND 3	0.1053	0.0259	0.0626	0.0185	0.0083
PD: BAND 2/BAND 3	0.4620	0.0577	0.3656	0.0161	0.0084
PD VARIABILITY	3.61E-6	5.03E-6	7.4 E-7	1.08E-6	0.2267
PDV: BAND 1	6.7 E-7	8 E-7	1.93E-5	3.22E-5	0.2141
PDV: BAND 2	2.83E-6	2.45E-6	2 E-7	1.7 E-7	0.0470
PDV: BAND 3	7.99E-6	8.81E-6	2 E-8	2 E-8	0.0774
PDV: BAND 1/BAND 2	0.5747	0.8415	99.011	153.87	0.1779
PDV: BAND 1/BAND 3	0.8544	1.8403	776.33	519.58	0.0147
PDV: BAND 2/BAND 3	0.7704	0.8011	39.794	58.343	0.1623

--- = Unable to Perform Statistics

APPENDIX 26

Null Hypothesis 7 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	84.7	15.9	196	21.5	0.0000
HR VARIABILITY	2.06	1.84	0.0446	0.0886	0.0439
R-AMPLITUDE (RA)	0.874	0.306	0.837	0.253	0.8218
RA VARIABILITY	0.695	0.623	2.64	4.63	0.3536
TOTAL POWER (TP)	0.0677	0.0605	0.0015	0.0029	0.0438
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0155	0.0124	0.0009	0.0021	0.0339
TP: BAND 3	0.0430	0.0451	0.0003	0.0006	0.0685
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.34	2.57	2.39	2.65	0.5028
FREQ OF MAX POWER	0.3125	0.1531	0.2078	0.3002	0.7682
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1290	0.2500	0.0000	0.1449
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 26 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3489	0.1297	0.6522	0.2616	0.0291
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3343	0.0643	0.3306	0.0350	0.9028
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	6.64E-5	1.23E-4	2 E-8	4 E-8	0.2433
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	2.18E-4	3.98E-4	0.00	0.00	0.2372
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 26 Continued

Null Hypothesis 7 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.6	15.6	197	19.2	0.0000
HR VARIABILITY	2.28	1.95	0.284	0.614	0.0540
R-AMPLITUDE (RA)	0.873	0.314	0.852	0.262	0.9045
RA VARIABILITY	0.715	0.373	2.68	3.82	0.2655
TOTAL POWER (TP)	0.0755	0.0646	0.0094	0.0203	0.0540
TP: BAND 1	0.0171	0.0217	0.0075	0.0170	0.4124
TP: BAND 2	0.0170	0.0173	0.0010	0.0020	0.0737
TP: BAND 3	0.0259	0.0264	0.0005	0.0009	0.0644
TP: BAND 1/BAND 2	1.45	2.09	3.76	2.92	0.1466
TP: BAND 1/BAND 3	2.51	5.58	8.16	6.91	0.1499
TP: BAND 2/BAND 3	1.23	1.13	2.58	1.89	0.1638
FREQ OF MAX POWER	0.1875	0.1118	0.0833	0.0510	0.0646
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1458	0.0322	0.1354	0.0255	0.5490
FMP: BAND 3	0.3125	0.0559	0.2500	0.0000	0.0209
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.4805	0.1469	0.5416	0.1020	0.4224

--- = Unable to Perform Statistics

APPENDIX 26 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2923	0.1008	0.2657	0.0845	0.6314
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1553	0.0186	0.1402	0.0097	0.1089
PD: BAND 3	0.3395	0.0377	0.3219	0.0168	0.3212
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4614	0.0697	0.4367	0.0403	0.4704
PD VARIABILITY	2.59E-5	3.58E-5	2.9 E-7	7 E-8	0.1402
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	4.69E-5	1.06E-4	8 E-8	1.9 E-7	0.3295
PDV: BAND 3	3.85E-5	5.1 E-5	1 E-8	1 E-8	0.1237
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	1.5161	2.5810	7.0086	8.6146	0.1863

--- = Unable to Perform Statistics

APPENDIX 26 Continued

Null Hypothesis 7 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.8	16.0	196	20.8	0.0000
HR VARIABILITY	2.15	1.73	0.402	0.757	0.0468
R-AMPLITUDE (RA)	0.876	0.323	0.822	0.269	0.7562
RA VARIABILITY	1.08	0.687	4.73	6.03	0.1995
TOTAL POWER (TP)	0.0713	0.0577	0.0134	0.0252	0.0468
TP: BAND 1	0.0132	0.0132	0.0126	0.0250	0.9605
TP: BAND 2	0.0170	0.0139	0.0005	0.0004	0.0332
TP: BAND 3	0.0248	0.0191	0.0002	0.0002	0.0251
TP: BAND 1/BAND 2	0.797	1.02	18.3	26.3	0.1639
TP: BAND 1/BAND 3	1.04	1.70	121	251	0.2948
TP: BAND 2/BAND 3	0.961	0.575	3.95	3.19	0.0704
FREQ OF MAX POWER	0.1458	0.0831	0.0313	0.0000	0.0070
FMP: BAND 1	0.0468	0.0171	0.0312	0.0000	0.0493
FMP: BAND 2	0.1510	0.0307	0.1041	0.0255	0.0165
FMP: BAND 3	0.2343	0.0261	0.2187	0.0000	0.1739
FMP: BAND 1/BAND 2	0.3305	0.1564	0.3111	0.0544	0.7832
FMP: BAND 1/BAND 3	0.2007	0.0739	0.1428	0.0000	0.0842
FMP: BAND 2/BAND 3	0.6461	0.1266	0.4761	0.1166	0.0362

--- = Unable to Perform Statistics

APPENDIX 26 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2715	0.0923	0.1240	0.0469	0.0058
PD: BAND 1	0.0486	0.0115	0.0359	0.0022	0.0425
PD: BAND 2	0.1441	0.0168	0.1169	0.0111	0.0082
PD: BAND 3	0.3130	0.0293	0.3077	0.0281	0.7568
PD: BAND 1/BAND 2	0.3450	0.0997	0.3096	0.0379	0.4351
PD: BAND 1/BAND 3	0.1584	0.0472	0.1171	0.0089	0.0862
PD: BAND 2/BAND 3	0.4624	0.0569	0.3809	0.0307	0.0115
PD VARIABILITY	1.42E-5	1.92E-5	1.3 E-7	3.2 E-7	0.1317
PDV: BAND 1	4.5 E-7	9 E-7	2.6 E-7	5.6 E-7	0.6679
PDV: BAND 2	1.74E-5	2.93E-5	1 E-8	1 E-8	0.2048
PDV: BAND 3	2.91E-5	4.12E-5	0.00	0.00	0.1434
PDV: BAND 1/BAND 2	0.0406	0.0526	39.823	39.071	0.0549
PDV: BAND 1/BAND 3	0.0681	0.1410	1359.4	3100.7	0.3319
PDV: BAND 2/BAND 3	1.2969	0.9881	24.440	32.243	0.1391

--- = Unable to Perform Statistics

APPENDIX 26 Continued

Null Hypothesis 7 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	85.3	14.8	198	23.2	0.0000
HR VARIABILITY	2.41	1.57	0.488	0.605	0.0181
R-AMPLITUDE (RA)	0.890	0.342	0.834	0.283	0.7655
RA VARIABILITY	1.69	1.52	3.57	4.26	0.3446
TOTAL POWER (TP)	0.0805	0.0521	0.0162	0.0201	0.0181
TP: BAND 1	0.0155	0.0108	0.0155	0.0197	0.9952
TP: BAND 2	0.0195	0.0108	0.0005	0.0004	0.0076
TP: BAND 3	0.0261	0.0191	0.0001	0.0001	0.0206
TP: BAND 1/BAND 2	0.826	0.563	45.8	32.4	0.0192
TP: BAND 1/BAND 3	0.994	1.34	147	102	0.0173
TP: BAND 2/BAND 3	1.01	0.593	4.95	3.62	0.0443
FREQ OF MAX POWER	0.2656	0.2355	0.0156	0.0000	0.0265
FMP: BAND 1	0.0364	0.0161	0.0156	0.0000	0.0101
FMP: BAND 2	0.1484	0.0404	0.0833	0.0080	0.0104
FMP: BAND 3	0.2265	0.0324	0.2031	0.0000	0.1068
FMP: BAND 1/BAND 2	0.2712	0.1426	0.1888	0.0172	0.2177
FMP: BAND 1/BAND 3	0.1692	0.0880	0.0769	0.0000	0.0279
FMP: BAND 2/BAND 3	0.6500	0.1329	0.4102	0.0397	0.0058

--- = Unable to Perform Statistics

APPENDIX 26 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2620	0.0940	0.0599	0.0321	0.0024
PD: BAND 1	0.0410	0.0102	0.0237	0.0073	0.0071
PD: BAND 2	0.1434	0.0110	0.1058	0.0054	0.0000
PD: BAND 3	0.3012	0.0240	0.3104	0.0359	0.6139
PD: BAND 1/BAND 2	0.2881	0.0728	0.2261	0.0741	0.1748
PD: BAND 1/BAND 3	0.1384	0.0426	0.0793	0.0332	0.0233
PD: BAND 2/BAND 3	0.4783	0.0489	0.3442	0.0396	0.0004
PD VARIABILITY	1.19E-5	1.57E-5	4 E-8	8 E-8	0.1247
PDV: BAND 1	6.9 E-7	5 E-7	2 E-7	2.1 E-7	0.0498
PDV: BAND 2	6.37E-6	5.83E-6	0.00	1 E-8	0.0441
PDV: BAND 3	1.22E-5	1.57E-5	0.00	0.00	0.1139
PDV: BAND 1/BAND 2	0.2305	0.2764	1141.4	1973.6	0.2159
PDV: BAND 1/BAND 3	0.3945	0.6615	1432.9	1361.4	0.0496
PDV: BAND 2/BAND 3	1.3585	1.2839	17.914	19.449	0.0916

--- = Unable to Perform Statistics

APPENDIX 26 Continued

Null Hypothesis 7 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	86.2	15.6	196	23.3	0.0000
HR VARIABILITY	2.25	1.09	0.476	0.417	0.0039
R-AMPLITUDE (RA)	0.896	0.348	0.826	0.298	0.7189
RA VARIABILITY	2.17	1.43	3.06	2.96	0.5210
TOTAL POWER (TP)	0.0751	0.0363	0.0159	0.0139	0.0039
TP: BAND 1	0.0183	0.0118	0.0151	0.0135	0.6749
TP: BAND 2	0.0170	0.0069	0.0005	0.0007	0.0020
TP: BAND 3	0.0255	0.0171	0.0001	0.0001	0.0149
TP: BAND 1/BAND 2	1.09	0.676	79.4	69.0	0.0389
TP: BAND 1/BAND 3	1.13	1.77	179	87.8	0.0042
TP: BAND 2/BAND 3	0.958	0.699	3.40	1.97	0.0280
FREQ OF MAX POWER	0.1745	0.1956	0.0104	0.0040	0.0951
FMP: BAND 1	0.0221	0.0151	0.0104	0.0040	0.1200
FMP: BAND 2	0.1289	0.0465	0.0872	0.0091	0.0806
FMP: BAND 3	0.2382	0.0768	0.2539	0.0899	0.7532
FMP: BAND 1/BAND 2	0.2301	0.2330	0.1209	0.0500	0.3089
FMP: BAND 1/BAND 3	0.1044	0.0775	0.0466	0.0260	0.1333
FMP: BAND 2/BAND 3	0.5633	0.2309	0.3738	0.1066	0.0980

--- = Unable to Perform Statistics

APPENDIX 26 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2395	0.0931	0.0423	0.0120	0.0034
PD: BAND 1	0.0303	0.0050	0.0179	0.0071	0.0063
PD: BAND 2	0.1345	0.0137	0.1038	0.0052	0.0005
PD: BAND 3	0.2929	0.0267	0.3131	0.0323	0.2639
PD: BAND 1/BAND 2	0.2290	0.0553	0.1734	0.0683	0.1526
PD: BAND 1/BAND 3	0.1053	0.0259	0.0594	0.0284	0.0154
PD: BAND 2/BAND 3	0.4620	0.0577	0.3351	0.0431	0.0015
PD VARIABILITY	3.61E-6	5.03E-6	1 E-8	2 E-8	0.1405
PDV: BAND 1	6.7 E-7	8 E-7	2.6 E-7	4.8 E-7	0.3090
PDV: BAND 2	2.83E-6	2.45E-6	0.00	1 E-8	0.0370
PDV: BAND 3	7.99E-6	8.81E-6	0.00	0.00	0.0769
PDV: BAND 1/BAND 2	0.5747	0.8415	1722.8	3394.9	0.2691
PDV: BAND 1/BAND 3	0.8544	1.8403	3073.0	3205.8	0.0658
PDV: BAND 2/BAND 3	0.7704	0.8011	22.314	26.781	0.1059

--- = Unable to Perform Statistics

APPENDIX 27

Null Hypothesis 8 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	196	21.5	197	21.8	0.9279
HR VARIABILITY	0.0446	0.0886	0.0299	0.0251	0.7103
R-AMPLITUDE (RA)	0.837	0.253	0.807	0.242	0.8393
RA VARIABILITY	2.64	4.63	1.22	1.05	0.4946
TOTAL POWER (TP)	0.0015	0.0029	0.0010	0.0008	0.7073
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0009	0.0021	0.0006	0.0007	0.7400
TP: BAND 3	0.0003	0.0006	0.0002	0.0002	0.6607
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	2.39	2.65	3.10	1.25	0.5665
FREQ OF MAX POWER	0.2708	0.3002	0.1250	0.0000	0.2615
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 27 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.6522	0.2616	0.4415	0.1354	0.1104
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3306	0.0350	0.3340	0.0628	0.9085
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	2 E-8	4 E-8	0.00	1 E-8	0.4615
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	0.00	0.00	0.00	0.00	0.1362
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 27 Continued

Null Hypothesis 8 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	197	19.2	197	21.4	0.9896
HR VARIABILITY	0.284	0.614	0.0556	0.0305	0.4052
R-AMPLITUDE (RA)	0.852	0.262	0.800	0.239	0.7232
RA VARIABILITY	2.68	3.82	1.43	1.79	0.4871
TOTAL POWER (TP)	0.0094	0.0203	0.0018	0.0010	0.4055
TP: BAND 1	0.0075	0.0170	0.0011	0.0007	0.3952
TP: BAND 2	0.0010	0.0020	0.0004	0.0003	0.4914
TP: BAND 3	0.0005	0.0009	0.0002	0.0002	0.4128
TP: BAND 1/BAND 2	3.76	2.92	5.49	6.78	0.5793
TP: BAND 1/BAND 3	8.16	6.91	18.0	18.6	0.2694
TP: BAND 2/BAND 3	2.58	1.89	4.20	2.68	0.2538
FREQ OF MAX POWER	0.0833	0.0510	0.0729	0.0255	0.6643
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1354	0.0255	0.1458	0.0322	0.5490
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5416	0.1020	0.5833	0.1290	0.5490

--- = Unable to Perform Statistics

APPENDIX 27 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2657	0.0845	0.2714	0.1065	0.9205
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1402	0.0097	0.1494	0.0176	0.2862
PD: BAND 3	0.3219	0.0168	0.3599	0.0302	0.0228
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4367	0.0403	0.4147	0.0225	0.2705
PD VARIABILITY	2.9 E-7	7 E-7	0.00	0.00	0.3657
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	8 E-8	1.9 E-7	0.00	1 E-8	0.3822
PDV: BAND 3	1 E-8	1 E-8	0.00	0.00	0.3622
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	7.0086	8.6146	31.131	37.438	0.1795

--- = Unable to Perform Statistics

APPENDIX 27 Continued

Null Hypothesis 8 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	197	20.8	197	21.7	0.9705
HR VARIABILITY	0.402	0.757	0.0843	0.0306	0.3510
R-AMPLITUDE (RA)	0.822	0.269	0.806	0.240	0.9186
RA VARIABILITY	4.73	6.03	1.80	2.24	0.3063
TOTAL POWER (TP)	0.0134	0.0251	0.0028	0.0010	0.3518
TP: BAND 1	0.0126	0.0250	0.0020	0.0009	0.3473
TP: BAND 2	0.0005	0.0004	0.0005	0.0003	0.9998
TP: BAND 3	0.0002	0.0002	0.0001	0.0001	0.9892
TP: BAND 1/BAND 2	18.3	26.3	5.78	4.50	0.2996
TP: BAND 1/BAND 3	121	251	29.3	29.6	0.4146
TP: BAND 2/BAND 3	3.95	3.19	5.84	6.72	0.5459
FREQ OF MAX POWER	0.0313	0.0000	0.0417	0.0161	0.1449
FMP: BAND 1	0.0312	0.0000	0.0416	0.0161	0.1449
FMP: BAND 2	0.1041	0.0255	0.1145	0.0378	0.5884
FMP: BAND 3	0.2187	0.0000	0.2500	0.0765	0.3409
FMP: BAND 1/BAND 2	0.3111	0.0544	0.4027	0.2135	0.3502
FMP: BAND 1/BAND 3	0.1428	0.0000	0.1794	0.0861	0.3222
FMP: BAND 2/BAND 3	0.4761	0.1166	0.4798	0.1910	0.9688

--- = Unable to Perform Statistics

APPENDIX 27 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.1240	0.0469	0.1674	0.0888	0.3145
PD: BAND 1	0.0359	0.0022	0.0402	0.0084	0.2723
PD: BAND 2	0.1169	0.0111	0.1247	0.0179	0.3906
PD: BAND 3	0.3077	0.0281	0.3075	0.0207	0.9846
PD: BAND 1/BAND 2	0.3096	0.0379	0.3331	0.1039	0.6209
PD: BAND 1/BAND 3	0.1171	0.0089	0.1304	0.0230	0.2187
PD: BAND 2/BAND 3	0.3809	0.0307	0.4084	0.0748	0.4253
PD VARIABILITY	1.3 E-7	3.2 E-7	0.00	0.00	0.3610
PDV: BAND 1	2.6 E-7	5.6 E-7	2 E-8	2 E-8	0.3386
PDV: BAND 2	1 E-8	1 E-8	0.00	1 E-8	0.8614
PDV: BAND 3	0.00	0.00	0.00	0.00	0.9901
PDV: BAND 1/BAND 2	39.823	39.071	20.449	38.266	0.4059
PDV: BAND 1/BAND 3	1359.4	3100.7	302.29	493.63	0.4455
PDV: BAND 2/BAND 3	24.440	32.243	110.89	257.69	0.4510

--- = Unable to Perform Statistics

APPENDIX 27 Continued

Null Hypothesis 8 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	198	23.2	197	22.6	0.9674
HR VARIABILITY	0.488	0.605	0.170	0.121	0.2584
R-AMPLITUDE (RA)	0.834	0.283	0.791	0.228	0.7738
RA VARIABILITY	3.57	4.26	2.16	2.08	0.4811
TOTAL POWER (TP)	0.0162	0.0201	0.0057	0.0040	0.2589
TP: BAND 1	0.0155	0.0197	0.0050	0.0037	0.2505
TP: BAND 2	0.0005	0.0004	0.0005	0.0004	0.9550
TP: BAND 3	0.0001	0.0001	0.0001	0.0001	0.9874
TP: BAND 1/BAND 2	45.8	32.4	14.7	9.01	0.0663
TP: BAND 1/BAND 3	147	102	93.6	127	0.4422
TP: BAND 2/BAND 3	4.95	3.62	10.3	16.1	0.4644
FREQ OF MAX POWER	0.0156	0.0000	0.0260	0.0161	0.1449
FMP: BAND 1	0.0156	0.0000	0.0260	0.0161	0.1449
FMP: BAND 2	0.0833	0.0080	0.0937	0.0197	0.2733
FMP: BAND 3	0.2031	0.0000	0.2031	0.0000	1.0000
FMP: BAND 1/BAND 2	0.1888	0.0172	0.2755	0.1507	0.2192
FMP: BAND 1/BAND 3	0.0769	0.0000	0.1282	0.0794	0.1449
FMP: BAND 2/BAND 3	0.4102	0.0397	0.4615	0.0973	0.2596

--- = Unable to Perform Statistics

APPENDIX 27 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0599	0.0321	0.1061	0.0676	0.1621
PD: BAND 1	0.0237	0.0073	0.0282	0.0074	0.3100
PD: BAND 2	0.1058	0.0054	0.1108	0.0148	0.4670
PD: BAND 3	0.3104	0.0359	0.3189	0.0242	0.6415
PD: BAND 1/BAND 2	0.2261	0.0741	0.2604	0.0804	0.4598
PD: BAND 1/BAND 3	0.0793	0.0332	0.0889	0.0220	0.5688
PD: BAND 2/BAND 3	0.3442	0.0396	0.3483	0.0477	0.8752
PD VARIABILITY	4 E-8	8 E-8	0.00	0.00	0.3535
PDV: BAND 1	2 E-7	2.1 E-7	9 E-8	1.3 E-7	0.3122
PDV: BAND 2	0.00	1 E-8	0.00	0.00	0.8524
PDV: BAND 3	0.00	0.00	0.00	0.00	0.5910
PDV: BAND 1/BAND 2	1141.4	1973.6	98.237	125.59	0.2525
PDV: BAND 1/BAND 3	1432.9	1361.4	1718.7	3534.4	0.8571
PDV: BAND 2/BAND 3	17.914	19.449	175.76	408.53	0.3877

--- = Unable to Perform Statistics

APPENDIX 27 Continued

Null Hypothesis 8 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	196	23.3	197	22.2	0.9649
HR VARIABILITY	0.476	0.417	0.269	0.193	0.2969
R-AMPLITUDE (RA)	0.826	0.298	0.772	0.228	0.7290
RA VARIABILITY	3.06	2.96	2.23	1.65	0.5608
TOTAL POWER (TP)	0.0159	0.0139	0.0090	0.0064	0.2964
TP: BAND 1	0.0151	0.0135	0.0083	0.0060	0.2825
TP: BAND 2	0.0005	0.0007	0.0005	0.0006	0.9077
TP: BAND 3	0.0001	0.0001	0.0001	0.0001	0.5138
TP: BAND 1/BAND 2	79.4	69.0	33.3	34.5	0.1740
TP: BAND 1/BAND 3	179	87.8	112	39.6	0.1173
TP: BAND 2/BAND 3	3.40	1.97	6.68	4.55	0.1357
FREQ OF MAX POWER	0.0104	0.0040	0.0156	0.0121	0.3554
FMP: BAND 1	0.0104	0.0040	0.0156	0.0121	0.3554
FMP: BAND 2	0.0872	0.0091	0.0820	0.0107	0.3875
FMP: BAND 3	0.2539	0.0899	0.2252	0.0593	0.5321
FMP: BAND 1/BAND 2	0.1209	0.0500	0.2003	0.1613	0.2935
FMP: BAND 1/BAND 3	0.0466	0.0260	0.0762	0.0652	0.3267
FMP: BAND 2/BAND 3	0.3738	0.1066	0.3772	0.0764	0.9497

--- = Unable to Perform Statistics

APPENDIX 27 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0423	0.0120	0.0634	0.0342	0.2007
PD: BAND 1	0.0179	0.0071	0.0225	0.0084	0.3407
PD: BAND 2	0.1038	0.0052	0.1009	0.0048	0.3364
PD: BAND 3	0.3131	0.0323	0.3223	0.0251	0.5960
PD: BAND 1/BAND 2	0.1734	0.0683	0.2253	0.0881	0.2816
PD: BAND 1/BAND 3	0.0594	0.0284	0.0713	0.0303	0.4994
PD: BAND 2/BAND 3	0.3351	0.0431	0.3147	0.0300	0.3640
PD VARIABILITY	1 E-8	2 E-8	0.00	0.00	0.4064
PDV: BAND 1	2.6 E-7	4.8 E-7	9 E-8	1 E-7	0.4205
PDV: BAND 2	0.00	1 E-8	0.00	0.00	0.6672
PDV: BAND 3	0.00	0.00	0.00	0.00	0.7220
PDV: BAND 1/BAND 2	1722.8	3394.9	224.24	396.80	0.3309
PDV: BAND 1/BAND 3	3073.0	3205.8	1364.6	1134.2	0.2631
PDV: BAND 2/BAND 3	22.314	26.781	35.435	38.871	0.5114

--- = Unable to Perform Statistics

APPENDIX 28

Null Hypothesis 9 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	196	21.5	195	21.6	0.9395
HR VARIABILITY	0.0446	0.0886	0.0854	0.140	0.5593
R-AMPLITUDE (RA)	0.837	0.253	0.745	0.291	0.5718
RA VARIABILITY	2.64	4.63	1.62	1.19	0.6210
TOTAL POWER (TP)	0.0015	0.0029	0.0028	0.0046	0.5592
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0009	0.0021	0.0018	0.0032	0.6069
TP: BAND 3	0.0003	0.0006	0.0007	0.0010	0.4421
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	2.39	2.65	1.95	1.88	0.7474
FREQ OF MAX POWER	0.2708	0.3002	0.1667	0.0645	0.4410
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 28 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.6522	0.2616	0.5268	0.2954	0.4543
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3306	0.0350	0.3330	0.0275	0.8955
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	2 E-8	4 E-8	5 E-8	1.1 E-7	0.5321
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	0.00	0.00	1 E-8	2 E-8	0.2328
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 28 Continued

Null Hypothesis 9 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	197	19.2	195	23.4	0.8893
HR VARIABILITY	0.284	0.614	0.176	0.321	0.7124
R-AMPLITUDE (RA)	0.852	0.262	0.740	0.288	0.4954
RA VARIABILITY	2.68	3.82	1.90	1.17	0.6528
TOTAL POWER (TP)	0.0094	0.0203	0.0058	0.0106	0.7135
TP: BAND 1	0.0075	0.0170	0.0051	0.0101	0.7712
TP: BAND 2	0.0010	0.0020	0.0005	0.0005	0.5482
TP: BAND 3	0.0005	0.0009	0.0001	0.0001	0.3254
TP: BAND 1/BAND 2	3.76	2.92	7.55	6.99	0.2485
TP: BAND 1/BAND 3	8.16	6.91	87.0	164	0.2931
TP: BAND 2/BAND 3	2.58	1.89	6.98	8.73	0.2776
FREQ OF MAX POWER	0.0833	0.0510	0.0625	0.0000	0.3409
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1354	0.0255	0.1250	0.0000	0.3409
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5416	0.1020	0.5000	0.0000	0.3409

--- = Unable to Perform Statistics

APPENDIX 28 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2657	0.0845	0.2212	0.1603	0.5609
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1402	0.0097	0.1392	0.0112	0.8808
PD: BAND 3	0.3219	0.0168	0.3529	0.0166	0.0095
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4367	0.0403	0.3956	0.0390	0.1032
PD VARIABILITY	2.9 E-7	7 E-7	1.1 E-7	2.6 E-7	0.5767
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	8 E-8	1.9 E-7	2 E-8	5 E-8	0.5001
PDV: BAND 3	1 E-8	1 E-8	0.00	0.00	0.3329
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	7.0086	8.6146	150.78	241.51	0.2047

--- = Unable to Perform Statistics

APPENDIX 28 Continued

Null Hypothesis 9 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	197	20.8	196	20.4	0.9462
HR VARIABILITY	0.402	0.757	0.380	0.548	0.9540
R-AMPLITUDE (RA)	0.822	0.269	0.747	0.263	0.6371
RA VARIABILITY	4.73	6.03	1.91	0.850	0.3068
TOTAL POWER (TP)	0.0134	0.0251	0.0126	0.0182	0.9540
TP: BAND 1	0.0126	0.0250	0.0115	0.0173	0.9330
TP: BAND 2	0.0005	0.0004	0.0008	0.0007	0.4002
TP: BAND 3	0.0002	0.0002	0.0001	0.0002	0.9658
TP: BAND 1/BAND 2	18.3	26.3	12.0	7.41	0.5935
TP: BAND 1/BAND 3	121	251	64.4	55.6	0.6117
TP: BAND 2/BAND 3	3.95	3.19	5.81	3.76	0.3759
FREQ OF MAX POWER	0.0313	0.0000	0.0365	0.0128	0.3409
FMP: BAND 1	0.0312	0.0000	0.0364	0.0127	0.3409
FMP: BAND 2	0.1041	0.0255	0.0937	0.0000	0.3409
FMP: BAND 3	0.2187	0.0000	0.2239	0.0127	0.3409
FMP: BAND 1/BAND 2	0.3111	0.0544	0.3888	0.1360	0.2228
FMP: BAND 1/BAND 3	0.1428	0.0000	0.1636	0.0602	0.4165
FMP: BAND 2/BAND 3	0.4761	0.1166	0.4196	0.0218	0.2928

--- = Unable to Perform Statistics

APPENDIX 28 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.1240	0.0469	0.1269	0.1099	0.9538
PD: BAND 1	0.0359	0.0022	0.0388	0.0093	0.4790
PD: BAND 2	0.1169	0.0111	0.1172	0.0124	0.9652
PD: BAND 3	0.3077	0.0281	0.3308	0.0454	0.3168
PD: BAND 1/BAND 2	0.3096	0.0379	0.3298	0.0521	0.4602
PD: BAND 1/BAND 3	0.1171	0.0089	0.1185	0.0262	0.9087
PD: BAND 2/BAND 3	0.3809	0.0307	0.3611	0.0660	0.5201
PD VARIABILITY	1.3 E-7	3.2 E-7	8 E-8	1.7 E-7	0.7117
PDV: BAND 1	2.6 E-7	5.6 E-7	1.29E-6	2.85E-6	0.4251
PDV: BAND 2	1 E-8	1 E-8	1 E-8	2 E-8	0.3870
PDV: BAND 3	0.00	0.00	0.00	0.00	0.9289
PDV: BAND 1/BAND 2	39.823	39.071	97.992	123.38	0.3132
PDV: BAND 1/BAND 3	1359.4	3100.7	1167.8	1536.2	0.8948
PDV: BAND 2/BAND 3	24.440	32.243	21.753	20.020	0.8658

--- = Unable to Perform Statistics

APPENDIX 28 Continued

Null Hypothesis 9 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	198	23.2	198	17.6	0.9771
HR VARIABILITY	0.488	0.605	0.810	0.766	0.4377
R-AMPLITUDE (RA)	0.834	0.283	0.741	0.242	0.5521
RA VARIABILITY	3.57	4.26	3.28	2.54	0.8887
TOTAL POWER (TP)	0.0162	0.0201	0.0269	0.0255	0.4383
TP: BAND 1	0.0155	0.0197	0.0242	0.0241	0.5108
TP: BAND 2	0.0005	0.0004	0.0017	0.0023	0.2544
TP: BAND 3	0.0001	0.0001	0.0003	0.0003	0.1754
TP: BAND 1/BAND 2	45.8	32.4	22.3	18.9	0.1562
TP: BAND 1/BAND 3	147	102	197	300	0.7111
TP: BAND 2/BAND 3	4.95	3.62	7.30	5.93	0.4269
FREQ OF MAX POWER	0.0156	0.0000	0.0182	0.0064	0.3409
FMP: BAND 1	0.0156	0.0000	0.0182	0.0063	0.3409
FMP: BAND 2	0.0833	0.0080	0.0833	0.0080	1.0000
FMP: BAND 3	0.2031	0.0000	0.2421	0.0956	0.3409
FMP: BAND 1/BAND 2	0.1888	0.0172	0.2222	0.0886	0.4047
FMP: BAND 1/BAND 3	0.0769	0.0000	0.0828	0.0384	0.7127
FMP: BAND 2/BAND 3	0.4102	0.0397	0.3690	0.0818	0.2931

--- = Unable to Perform Statistics

APPENDIX 28 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0599	0.0321	0.2270	0.4319	0.3878
PD: BAND 1	0.0237	0.0073	0.0261	0.0051	0.5187
PD: BAND 2	0.1058	0.0054	0.1044	0.0123	0.8036
PD: BAND 3	0.3104	0.0359	0.3267	0.0508	0.5359
PD: BAND 1/BAND 2	0.2261	0.0741	0.2519	0.0515	0.4995
PD: BAND 1/BAND 3	0.0793	0.0332	0.0812	0.0179	0.9059
PD: BAND 2/BAND 3	0.3442	0.0396	0.3246	0.0532	0.4860
PD VARIABILITY	4 E-8	8 E-8	7 E-8	7 E-8	0.4932
PDV: BAND 1	2 E-7	2.1 E-7	1.11E-6	2.09E-6	0.3342
PDV: BAND 2	0.00	1 E-8	1.3 E-7	2.7 E-7	0.2935
PDV: BAND 3	0.00	0.00	0.00	0.00	0.1255
PDV: BAND 1/BAND 2	1141.4	1973.6	65.403	81.922	0.2395
PDV: BAND 1/BAND 3	1432.9	1361.4	2472.4	5004.8	0.6418
PDV: BAND 2/BAND 3	17.914	19.449	76.318	112.73	0.2638

--- = Unable to Perform Statistics

APPENDIX 28 Continued

Null Hypothesis 9 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	196	23.3	197	17.2	0.9295
HR VARIABILITY	0.48	0.42	0.64	0.63	0.5950
R-AMPLITUDE (RA)	0.83	0.30	0.73	0.23	0.5673
RA VARIABILITY	3.06	2.96	2.93	2.27	0.9319
TOTAL POWER (TP)	0.0159	0.0139	0.0215	0.0209	0.5959
TP: BAND 1	0.0151	0.0135	0.0195	0.0195	0.6643
TP: BAND 2	0.0005	0.0007	0.0014	0.0016	0.2224
TP: BAND 3	0.0001	0.0001	0.0002	0.0002	0.5026
TP: BAND 1/BAND 2	79.4	69.0	16.1	9.20	0.0748
TP: BAND 1/BAND 3	179	87.8	193	235	0.9000
TP: BAND 2/BAND 3	3.40	1.97	11.9	12.9	0.1700
FREQ OF MAX POWER	0.0104	0.0040	0.0234	0.0131	0.0590
FMP: BAND 1	0.0104	0.0040	0.0234	0.0130	0.0590
FMP: BAND 2	0.0872	0.0091	0.0742	0.0095	0.0366
FMP: BAND 3	0.2539	0.0899	0.1953	0.0000	0.1418
FMP: BAND 1/BAND 2	0.1209	0.0500	0.3287	0.1927	0.0457
FMP: BAND 1/BAND 3	0.0466	0.0260	0.1200	0.0669	0.0313
FMP: BAND 2/BAND 3	0.3738	0.1066	0.3800	0.0489	0.9002

--- = Unable to Perform Statistics

APPENDIX 28 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0423	0.0120	0.2072	0.3918	0.3500
PD: BAND 1	0.0179	0.0071	0.0249	0.0054	0.0869
PD: BAND 2	0.1038	0.0052	0.0957	0.0098	0.1042
PD: BAND 3	0.3131	0.0323	0.3283	0.0355	0.4576
PD: BAND 1/BAND 2	0.1734	0.0683	0.2645	0.0689	0.0444
PD: BAND 1/BAND 3	0.0594	0.0284	0.0772	0.0227	0.2582
PD: BAND 2/BAND 3	0.3351	0.0431	0.2937	0.0369	0.1043
PD VARIABILITY	1 E-8	2 E-8	4 E-8	5 E-8	0.1943
PDV: BAND 1	2.6 E-7	4.8 E-7	1.83E-6	2.19E-6	0.1436
PDV: BAND 2	0.00	1 E-8	3 E-8	4 E-8	0.1900
PDV: BAND 3	0.00	0.00	0.00	0.00	0.3625
PDV: BAND 1/BAND 2	1722.8	3394.9	70.859	62.933	0.2868
PDV: BAND 1/BAND 3	3073.0	3205.8	47175.	92980.	0.2979
PDV: BAND 2/BAND 3	22.314	26.781	504.37	920.74	0.2560

--- = Unable to Perform Statistics

APPENDIX 29

Null Hypothesis 10 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	195	21.6	192	26.4	0.8292
HR VARIABILITY	0.0854	0.14	1.95	2.53	0.1316
R-AMPLITUDE (RA)	0.74	0.30	0.76	0.39	0.9400
RA VARIABILITY	1.62	1.19	2.79	4.24	0.5416
TOTAL POWER (TP)	0.0028	0.0046	0.0639	0.0830	0.1317
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0018	0.0032	0.0460	0.0588	0.1249
TP: BAND 3	0.0007	0.0010	0.0116	0.0155	0.1466
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.95	1.88	4.44	3.16	0.1281
FREQ OF MAX POWER	0.1667	0.0645	0.1458	0.0510	0.5490
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 29 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.5268	0.2954	0.3432	0.1153	0.1865
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3330	0.0275	0.3335	0.0290	0.9794
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	5 E-8	1.1 E-7	1.82E-5	2.82E-5	0.1753
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1 E-8	2 E-8	1.33E-6	2.03E-6	0.1720
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 29 Continued

Null Hypothesis 10 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	195	23.4	201	19.7	0.6782
HR VARIABILITY	0.18	0.32	3.78	3.94	0.0753
R-AMPLITUDE (RA)	0.74	0.29	0.75	0.35	0.9620
RA VARIABILITY	1.90	1.17	3.99	4.84	0.3478
TOTAL POWER (TP)	0.0058	0.0106	0.1251	0.1305	0.0754
TP: BAND 1	0.0051	0.0101	0.0879	0.0917	0.0782
TP: BAND 2	0.0005	0.0005	0.0234	0.0252	0.0767
TP: BAND 3	0.0001	0.0000	0.0081	0.0085	0.0714
TP: BAND 1/BAND 2	7.55	6.99	4.35	2.10	0.3243
TP: BAND 1/BAND 3	87.0	164	14.1	11.4	0.3278
TP: BAND 2/BAND 3	6.98	8.73	2.93	0.89	0.3084
FREQ OF MAX POWER	0.0625	0.0000	0.0625	0.0000	1.0000
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1250	0.0000	0.1354	0.0255	0.3409
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5000	0.0000	0.5416	0.1020	0.3409

--- = Unable to Perform Statistics

APPENDIX 29 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2212	0.1603	0.1671	0.0380	0.4545
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1392	0.0112	0.1429	0.0114	0.5849
PD: BAND 3	0.3529	0.0166	0.3381	0.0220	0.2199
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.3956	0.0390	0.4226	0.0118	0.1570
PD VARIABILITY	1.1 E-7	2.6 E-7	1.59E-5	1.87E-5	0.0934
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	2 E-8	5 E-8	1.1 E-5	1.71E-5	0.1762
PDV: BAND 3	0.00	0.00	3.8 E-7	4.1 E-7	0.0721
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	150.78	241.51	21.185	19.107	0.2465

--- = Unable to Perform Statistics

APPENDIX 29 Continued

Null Hypothesis 10 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	196	20.4	209	15.5	0.2182
HR VARIABILITY	0.379	0.548	3.74	3.78	0.0814
R-AMPLITUDE (RA)	0.746	0.263	0.749	0.298	0.9860
RA VARIABILITY	1.91	0.850	4.98	3.36	0.0759
TOTAL POWER (TP)	0.0126	0.0182	0.125	0.126	0.0814
TP: BAND 1	0.0115	0.0173	0.0974	0.104	0.0993
TP: BAND 2	0.0008	0.0007	0.0185	0.0180	0.0603
TP: BAND 3	0.0001	0.0002	0.0051	0.0048	0.0515
TP: BAND 1/BAND 2	12.010	7.4140	6.1730	3.1646	0.1065
TP: BAND 1/BAND 3	64.361	55.599	29.601	24.919	0.1925
TP: BAND 2/BAND 3	5.8106	3.7550	5.4292	5.3439	0.8891
FREQ OF MAX POWER	0.0365	0.0128	0.0313	0.0000	0.3409
FMP: BAND 1	0.0364	0.0127	0.0312	0.0000	0.3409
FMP: BAND 2	0.0937	0.0000	0.0989	0.0127	0.3409
FMP: BAND 3	0.2239	0.0127	0.2187	0.0000	0.3409
FMP: BAND 1/BAND 2	0.3888	0.1360	0.3194	0.0340	0.2741
FMP: BAND 1/BAND 3	0.1636	0.0602	0.1428	0.0000	0.4165
FMP: BAND 2/BAND 3	0.4196	0.0218	0.4523	0.0583	0.2269

--- = Unable to Perform Statistics

APPENDIX 29 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.1269	0.1099	0.1020	0.0203	0.6074
PD: BAND 1	0.0388	0.0093	0.0375	0.0031	0.7551
PD: BAND 2	0.1172	0.0124	0.1217	0.0066	0.4561
PD: BAND 3	0.3308	0.0454	0.3160	0.0121	0.4746
PD: BAND 1/BAND 2	0.3298	0.0521	0.3100	0.0370	0.4656
PD: BAND 1/BAND 3	0.1185	0.0262	0.1191	0.0117	0.9602
PD: BAND 2/BAND 3	0.3611	0.0660	0.3860	0.0328	0.4277
PD VARIABILITY	8 E-8	1.7 E-7	4.04E-6	6 E-6	0.1667
PDV: BAND 1	1.29E-6	2.85E-6	1.92E-5	4.42E-5	0.3667
PDV: BAND 2	1 E-8	2 E-8	3.36E-6	3.77E-6	0.0819
PDV: BAND 3	0.00	0.00	1 E-7	1.1 E-7	0.0723
PDV: BAND 1/BAND 2	97.992	123.38	9.5187	10.822	0.1398
PDV: BAND 1/BAND 3	1167.8	1536.2	369.02	559.07	0.2746
PDV: BAND 2/BAND 3	21.753	20.020	33.965	20.843	0.3250

--- = Unable to Perform Statistics

APPENDIX 29 Continued

Null Hypothesis 10 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	198	17.6	211	10.3	0.1341
HR VARIABILITY	0.810	0.765	3.20	2.35	0.0555
R-AMPLITUDE (RA)	0.740	0.241	0.741	0.265	0.9945
RA VARIABILITY	3.28	2.53	5.91	3.83	0.1900
TOTAL POWER (TP)	0.0269	0.0255	0.106	0.0784	0.0555
TP: BAND 1	0.0242	0.0241	0.0934	0.0701	0.0612
TP: BAND 2	0.0017	0.0023	0.0095	0.0122	0.1824
TP: BAND 3	0.0003	0.0003	0.0022	0.0029	0.1678
TP: BAND 1/BAND 2	22.301	18.887	26.267	23.375	0.7531
TP: BAND 1/BAND 3	196.91	299.59	107.95	74.957	0.5088
TP: BAND 2/BAND 3	7.3041	5.9303	9.0193	12.811	0.7721
FREQ OF MAX POWER	0.0182	0.0064	0.0234	0.0086	0.2596
FMP: BAND 1	0.0182	0.0063	0.0234	0.0085	0.2596
FMP: BAND 2	0.0833	0.0080	0.0911	0.0182	0.3605
FMP: BAND 3	0.2421	0.0956	0.2031	0.0000	0.3409
FMP: BAND 1/BAND 2	0.2222	0.0886	0.2583	0.0905	0.5009
FMP: BAND 1/BAND 3	0.0828	0.0384	0.1153	0.0421	0.1930
FMP: BAND 2/BAND 3	0.3690	0.0818	0.4487	0.0899	0.1395

--- = Unable to Perform Statistics

APPENDIX 29 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2270	0.4319	0.0586	0.0360	0.3844
PD: BAND 1	0.0261	0.0051	0.0268	0.0074	0.8640
PD: BAND 2	0.1044	0.0123	0.1093	0.0049	0.3839
PD: BAND 3	0.3267	0.0508	0.2963	0.0103	0.2062
PD: BAND 1/BAND 2	0.2519	0.0515	0.2472	0.0751	0.9008
PD: BAND 1/BAND 3	0.0812	0.0179	0.0902	0.0232	0.4688
PD: BAND 2/BAND 3	0.3246	0.0532	0.3698	0.0281	0.0964
PD VARIABILITY	7 E-8	7 E-8	7.4 E-7	7.4 E-7	0.0757
PDV: BAND 1	1.11E-6	2.09E-6	1.08E-5	1.22E-5	0.1101
PDV: BAND 2	1.3 E-7	2.7 E-7	6.1 E-7	9.2 E-7	0.2682
PDV: BAND 3	0.00	0.00	1 E-8	2 E-8	0.1819
PDV: BAND 1/BAND 2	65.403	81.922	428.67	788.39	0.3117
PDV: BAND 1/BAND 3	2472.4	5004.8	4837.2	5425.8	0.4508
PDV: BAND 2/BAND 3	76.318	112.73	194.04	395.52	0.5104

--- = Unable to Perform Statistics

APPENDIX 29 Continued

Null Hypothesis 10 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	197	17.1	203	13.0	0.5223
HR VARIABILITY	0.644	0.628	4.273	3.09	0.0346
R-AMPLITUDE (RA)	0.734	0.234	0.764	0.266	0.8408
RA VARIABILITY	2.92	2.26	5.44	2.87	0.1238
TOTAL POWER (TP)	0.0215	0.0209	1.25	2.66	0.3078
TP: BAND 1	0.0195	0.0195	1.19	2.52	0.3064
TP: BAND 2	0.0014	0.0016	0.0409	0.0895	0.3291
TP: BAND 3	0.0002	0.0002	0.0129	0.0298	0.3429
TP: BAND 1/BAND 2	16.113	9.2044	46.793	35.794	0.0915
TP: BAND 1/BAND 3	192.73	234.98	521.58	834.96	0.3903
TP: BAND 2/BAND 3	11.865	12.882	7.8821	6.3756	0.5126
FREQ OF MAX POWER	0.0234	0.0131	0.0078	0.0000	0.0151
FMP: BAND 1	0.0234	0.0130	0.0078	0.0000	0.0151
FMP: BAND 2	0.0742	0.0095	0.0781	0.0098	0.5025
FMP: BAND 3	0.1953	0.0000	0.1953	0.0000	1.0000
FMP: BAND 1/BAND 2	0.3287	0.1927	0.1012	0.0120	0.0342
FMP: BAND 1/BAND 3	0.1200	0.0669	0.0400	0.0000	0.0151
FMP: BAND 2/BAND 3	0.3800	0.0489	0.4000	0.0505	0.5025

--- = Unable to Perform Statistics

APPENDIX 29 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2072	0.3918	0.0245	0.0109	0.3053
PD: BAND 1	0.0249	0.0054	0.0130	0.0030	0.0008
PD: BAND 2	0.0957	0.0098	0.0999	0.0094	0.4657
PD: BAND 3	0.3283	0.0355	0.2935	0.0165	0.0551
PD: BAND 1/BAND 2	0.2645	0.0689	0.1310	0.0305	0.0015
PD: BAND 1/BAND 3	0.0772	0.0227	0.0441	0.0085	0.0074
PD: BAND 2/BAND 3	0.2937	0.0369	0.3403	0.0242	0.0273
PD VARIABILITY	4 E-8	5 E-8	7.95E-5	1.93E-4	0.3613
PDV: BAND 1	1.83E-6	2.19E-6	3.22E-3	7.85E-3	0.3613
PDV: BAND 2	3 E-8	4 E-8	3.1 E-5	7.58E-5	0.3626
PDV: BAND 3	0.00	0.00	3.81E-6	9.34E-6	0.3631
PDV: BAND 1/BAND 2	70.859	62.933	406.03	620.41	0.2442
PDV: BAND 1/BAND 3	47175.	92980.	50370.	108912	0.9575
PDV: BAND 2/BAND 3	504.37	920.74	139.57	245.24	0.3866

--- = Unable to Perform Statistics

APPENDIX 30

Null Hypothesis 11 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	81.8	11.9	136	35.5	0.0119
HR VARIABILITY	1.35	0.996	2.23	1.53	0.2676
R-AMPLITUDE (RA)	0.834	0.273	0.810	0.348	0.8960
RA VARIABILITY	0.521	0.236	0.912	0.833	0.3128
TOTAL POWER (TP)	0.0444	0.0327	0.0733	0.0504	0.2673
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0066	0.0032	0.0414	0.0307	0.0389
TP: BAND 3	0.0232	0.0228	0.0168	0.0125	0.5632
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	2.3136	3.4597	5.2003	6.8182	0.3769
FREQ OF MAX POWER	0.2917	0.2041	0.1250	0.0000	0.0734
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1020	0.2500	0.0000	0.0734
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 30 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3782	0.1636	0.3515	0.0897	0.7337
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3383	0.0454	0.3504	0.0391	0.6332
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	3.79E-5	4.74E-5	2.68E-5	3.92E-5	0.6665
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	4.41E-5	7.03E-5	1.16E-5	1.53E-5	0.3163
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 30 Continued

Null Hypothesis 11 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.2	11.9	147	27.7	0.0004
HR VARIABILITY	1.60	0.977	4.49	3.32	0.0887
R-AMPLITUDE (RA)	0.843	0.248	0.785	0.333	0.7427
RA VARIABILITY	1.44	1.01	1.52	1.18	0.9021
TOTAL POWER (TP)	0.0529	0.0323	0.148	0.110	0.0887
TP: BAND 1	0.0086	0.0056	0.101	0.0791	0.0351
TP: BAND 2	0.0109	0.0112	0.0243	0.0182	0.1569
TP: BAND 3	0.0186	0.0192	0.0106	0.0096	0.3795
TP: BAND 1/BAND 2	2.1375	3.1848	5.3525	3.6656	0.1359
TP: BAND 1/BAND 3	5.3446	10.845	20.963	22.537	0.1571
TP: BAND 2/BAND 3	1.5220	1.4505	3.2198	1.4528	0.0703
FREQ OF MAX POWER	0.3438	0.2644	0.0625	0.0000	0.0263
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1354	0.0255	0.2596
FMP: BAND 3	0.3125	0.0684	0.2500	0.0000	0.0493
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5000	0.0000	0.5416	0.1020	0.3409

--- = Unable to Perform Statistics

APPENDIX 30 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3223	0.1463	0.1760	0.0382	0.0581
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1590	0.0211	0.1499	0.0141	0.4027
PD: BAND 3	0.3556	0.0221	0.3539	0.0285	0.9144
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4469	0.0502	0.4246	0.0379	0.4049
PD VARIABILITY	2.7 E-5	3 E-5	1.87E-5	2.02E-5	0.5878
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	5.92E-6	7.61E-6	4.24E-6	5.64E-6	0.6736
PDV: BAND 3	4.59E-5	7.74E-5	1.21E-6	1.5 E-6	0.2164
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	1.0301	1.9361	21.686	41.886	0.2813

--- = Unable to Perform Statistics

APPENDIX 30 Continued

Null Hypothesis 11 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.3	11.3	158	21.4	0.0000
HR VARIABILITY	1.75	1.04	6.51	5.44	0.0864
R-AMPLITUDE (RA)	0.873	0.252	0.770	0.298	0.5331
RA VARIABILITY	5.11	8.72	3.05	2.84	0.6038
TOTAL POWER (TP)	0.0583	0.0347	0.216	0.180	0.0864
TP: BAND 1	0.0123	0.0096	0.166	0.152	0.0559
TP: BAND 2	0.0105	0.0075	0.0308	0.0222	0.0774
TP: BAND 3	0.0230	0.0204	0.0096	0.0081	0.1674
TP: BAND 1/BAND 2	2.0008	2.9623	5.6133	3.6345	0.0885
TP: BAND 1/BAND 3	2.7887	5.0648	21.123	22.160	0.1002
TP: BAND 2/BAND 3	0.9440	0.6667	3.8611	2.1010	0.0177
FREQ OF MAX POWER	0.1406	0.1502	0.0313	0.0000	0.1048
FMP: BAND 1	0.0364	0.0127	0.0312	0.0000	0.3409
FMP: BAND 2	0.1614	0.0415	0.0989	0.0127	0.0128
FMP: BAND 3	0.2500	0.0765	0.2187	0.0000	0.3409
FMP: BAND 1/BAND 2	0.2500	0.1394	0.3194	0.0340	0.2842
FMP: BAND 1/BAND 3	0.1556	0.0689	0.1428	0.0000	0.6585
FMP: BAND 2/BAND 3	0.6721	0.2080	0.4523	0.0583	0.0488

--- = Unable to Perform Statistics

APPENDIX 30 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2784	0.1121	0.1184	0.0259	0.0166
PD: BAND 1	0.0403	0.0084	0.0379	0.0024	0.5345
PD: BAND 2	0.1413	0.0155	0.1216	0.0071	0.0182
PD: BAND 3	0.3195	0.0404	0.3169	0.0077	0.8818
PD: BAND 1/BAND 2	0.2914	0.0866	0.3128	0.0250	0.5818
PD: BAND 1/BAND 3	0.1274	0.0292	0.1197	0.0074	0.5562
PD: BAND 2/BAND 3	0.4462	0.0601	0.3840	0.0281	0.0448
PD VARIABILITY	1.68E-5	2.06E-5	1.04E-5	1.4 E-5	0.5431
PDV: BAND 1	6.8 E-7	1.12E-6	6.36E-5	1.31E-4	0.2944
PDV: BAND 2	6.5 E-6	9.75E-6	6.12E-6	5.46E-6	0.9359
PDV: BAND 3	1.26E-4	2.46E-4	3.3 E-7	2.7 E-7	0.2671
PDV: BAND 1/BAND 2	0.7286	1.5631	6.9724	9.2793	0.1623
PDV: BAND 1/BAND 3	1.1217	2.6197	157.85	271.79	0.2169
PDV: BAND 2/BAND 3	1.3509	1.4750	26.876	22.322	0.0379

--- = Unable to Perform Statistics

APPENDIX 30 Continued

Null Hypothesis 11 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	82.3	12.4	168	23.9	0.0000
HR VARIABILITY	1.92	1.11	7.76	8.42	0.1514
R-AMPLITUDE (RA)	0.903	0.267	0.755	0.254	0.3472
RA VARIABILITY	5.21	7.87	5.01	6.47	0.9634
TOTAL POWER (TP)	0.0639	0.0372	0.258	0.280	0.1514
TP: BAND 1	0.0123	0.0072	0.213	0.236	0.0916
TP: BAND 2	0.0116	0.0058	0.0293	0.0285	0.1911
TP: BAND 3	0.0267	0.0218	0.0084	0.0099	0.0910
TP: BAND 1/BAND 2	1.3388	1.1124	12.528	12.742	0.0843
TP: BAND 1/BAND 3	1.5254	1.9737	118.89	206.40	0.2224
TP: BAND 2/BAND 3	0.8127	0.5824	6.2007	5.0958	0.0488
FREQ OF MAX POWER	0.2344	0.2382	0.0208	0.0128	0.0796
FMP: BAND 1	0.0338	0.0182	0.0208	0.0127	0.1828
FMP: BAND 2	0.1145	0.0449	0.0885	0.0189	0.2200
FMP: BAND 3	0.2421	0.0882	0.2213	0.0446	0.6171
FMP: BAND 1/BAND 2	0.2976	0.1218	0.2236	0.0753	0.2340
FMP: BAND 1/BAND 3	0.1382	0.0573	0.0891	0.0298	0.0922
FMP: BAND 2/BAND 3	0.4932	0.2041	0.4000	0.0307	0.3169

--- = Unable to Perform Statistics

APPENDIX 30 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2713	0.1287	0.0727	0.0257	0.0124
PD: BAND 1	0.0326	0.0080	0.0273	0.0053	0.2030
PD: BAND 2	0.1279	0.0150	0.1113	0.0102	0.0497
PD: BAND 3	0.3127	0.0425	0.3023	0.0122	0.5862
PD: BAND 1/BAND 2	0.2569	0.0608	0.2448	0.0361	0.6846
PD: BAND 1/BAND 3	0.1043	0.0213	0.0901	0.0154	0.2148
PD: BAND 2/BAND 3	0.4135	0.0664	0.3683	0.0297	0.1587
PD VARIABILITY	1.05E-5	1.4 E-5	4.58E-6	7.8 E-6	0.3836
PDV: BAND 1	2.8 E-7	3.3 E-7	4.57E-5	8.76E-5	0.2598
PDV: BAND 2	2.31E-6	1.98E-6	3.77E-6	4.77E-6	0.5049
PDV: BAND 3	4.71E-5	9.49E-5	1.3 E-7	1.9 E-7	0.2792
PDV: BAND 1/BAND 2	0.3187	0.4082	25.985	34.554	0.1285
PDV: BAND 1/BAND 3	0.3007	0.5197	3756.0	7974.2	0.3008
PDV: BAND 2/BAND 3	0.5867	0.5265	81.206	95.241	0.0928

--- = Unable to Perform Statistics

APPENDIX 30 Continued

Null Hypothesis 11 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.2	12.6	177	27.2	0.0000
HR VARIABILITY	2.27	1.32	6.00	6.27	0.2097
R-AMPLITUDE (RA)	0.880	0.269	0.758	0.251	0.4347
RA VARIABILITY	6.13	8.74	4.78	5.49	0.7563
TOTAL POWER (TP)	0.0758	0.0442	0.200	0.209	0.2096
TP: BAND 1	0.0152	0.0075	0.178	0.196	0.0970
TP: BAND 2	0.0124	0.0061	0.0147	0.0105	0.6596
TP: BAND 3	0.0320	0.0245	0.0036	0.0032	0.0365
TP: BAND 1/BAND 2	1.3514	0.5450	14.642	9.8495	0.0213
TP: BAND 1/BAND 3	1.3117	1.5213	215.41	407.47	0.2544
TP: BAND 2/BAND 3	0.8380	0.7830	9.4206	11.785	0.1348
FREQ OF MAX POWER	0.2044	0.2521	0.0104	0.0064	0.1181
FMP: BAND 1	0.0143	0.0159	0.0104	0.0063	0.5897
FMP: BAND 2	0.1328	0.0447	0.0755	0.0063	0.0255
FMP: BAND 3	0.2942	0.1224	0.1953	0.0000	0.0758
FMP: BAND 1/BAND 2	0.1100	0.1040	0.1373	0.0800	0.6212
FMP: BAND 1/BAND 3	0.0635	0.0869	0.0533	0.0326	0.7934
FMP: BAND 2/BAND 3	0.5037	0.2533	0.3866	0.0326	0.3111

--- = Unable to Perform Statistics

APPENDIX 30 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2642	0.1202	0.0502	0.0207	0.0069
PD: BAND 1	0.0266	0.0076	0.0197	0.0063	0.1177
PD: BAND 2	0.1290	0.0143	0.1022	0.0064	0.0019
PD: BAND 3	0.3160	0.0447	0.2992	0.0068	0.4042
PD: BAND 1/BAND 2	0.2083	0.0602	0.1924	0.0603	0.6588
PD: BAND 1/BAND 3	0.0859	0.0295	0.0662	0.0226	0.2234
PD: BAND 2/BAND 3	0.4126	0.0534	0.3416	0.0205	0.0126
PD VARIABILITY	8.18E-6	1.14E-5	8.1 E-7	1.29E-6	0.1769
PDV: BAND 1	2.7 E-7	2.4 E-7	2.25E-5	4.68E-5	0.2958
PDV: BAND 2	2.97E-6	4.43E-6	4.5 E-7	4.9 E-7	0.2237
PDV: BAND 3	3.6 E-5	6.17E-5	1 E-8	1 E-8	0.2124
PDV: BAND 1/BAND 2	0.2873	0.2961	58.713	65.625	0.0810
PDV: BAND 1/BAND 3	0.4856	1.0592	9931.0	20165.	0.2817
PDV: BAND 2/BAND 3	0.9507	1.2511	211.56	431.13	0.2851

--- = Unable to Perform Statistics

APPENDIX 31

Null Hypothesis 12 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	81.8	11.9	187	20.4	0.0000
HR VARIABILITY	1.35	0.996	0.0429	0.0421	0.0234
R-AMPLITUDE (RA)	0.834	0.273	0.750	0.241	0.5832
RA VARIABILITY	0.512	0.236	1.57	1.98	0.2530
TOTAL POWER (TP)	0.0444	0.0327	0.0014	0.0014	0.0234
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0064	0.0032	0.0010	0.0011	0.0060
TP: BAND 3	0.0232	0.0228	0.0003	0.0003	0.0572
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	2.3136	3.4597	4.4233	3.7314	0.3338
FREQ OF MAX POWER	0.2917	0.2041	0.1250	0.0000	0.0734
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1020	0.2500	0.0000	0.0734
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 31 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3782	0.1636	0.3816	0.1477	0.9702
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3383	0.0454	0.3237	0.0263	0.5123
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	3.79E-5	4.74E-5	1 E-8	1 E-8	0.1071
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	4.41E-5	7.03E-5	0.00	1 E-8	0.1852
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 31 Continued

Null Hypothesis 12 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.2	11.9	189	20.8	0.0000
HR VARIABILITY	1.60	0.977	0.177	0.204	0.0155
R-AMPLITUDE (RA)	0.843	0.248	0.741	0.222	0.4719
RA VARIABILITY	1.44	1.01	1.48	1.62	0.9638
TOTAL POWER (TP)	0.0529	0.0323	0.0059	0.0067	0.0155
TP: BAND 1	0.0086	0.0056	0.0043	0.0054	0.2139
TP: BAND 2	0.0109	0.0112	0.0009	0.0011	0.0791
TP: BAND 3	0.0186	0.0192	0.0004	0.0005	0.0670
TP: BAND 1/BAND 2	2.1375	3.1848	8.1754	12.002	0.2811
TP: BAND 1/BAND 3	5.3446	10.845	99.053	227.70	0.3600
TP: BAND 2/BAND 3	1.5220	1.4505	4.8339	6.2329	0.2560
FREQ OF MAX POWER	0.3438	0.2644	0.0729	0.0255	0.0539
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1354	0.0255	0.2596
FMP: BAND 3	0.3125	0.0684	0.2500	0.0000	0.0493
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5000	0.0000	0.5416	0.1020	0.3409

--- = Unable to Perform Statistics

APPENDIX 31 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3223	0.1463	0.2340	0.1061	0.2586
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1590	0.0211	0.1406	0.0116	0.0924
PD: BAND 3	0.3556	0.0221	0.3373	0.0296	0.2548
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4469	0.0502	0.4196	0.0492	0.3640
PD VARIABILITY	2.7 E-5	3 E-5	5 E-8	7 E-8	0.0787
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	5.92E-6	7.61E-6	1 E-8	1 E-8	0.1153
PDV: BAND 3	4.59E-5	7.74E-5	0.00	1 E-8	0.2060
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	1.0301	1.9361	56.082	128.87	0.3433

--- = Unable to Perform Statistics

APPENDIX 31 Continued

Null Hypothesis 12 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.3	11.3	189	20.9	0.0000
HR VARIABILITY	1.75	1.04	0.212	0.161	0.0149
R-AMPLITUDE (RA)	0.873	0.252	0.748	0.231	0.3924
RA VARIABILITY	5.11	8.72	2.03	1.93	0.4349
TOTAL POWER (TP)	0.0583	0.0347	0.0071	0.0053	0.0149
TP: BAND 1	0.0123	0.0096	0.0056	0.0052	0.1650
TP: BAND 2	0.0105	0.0075	0.0011	0.0012	0.0276
TP: BAND 3	0.0230	0.0204	0.0002	0.0002	0.0409
TP: BAND 1/BAND 2	2.0008	2.9623	10.297	10.911	0.1250
TP: BAND 1/BAND 3	2.7887	5.0648	50.866	38.119	0.0270
TP: BAND 2/BAND 3	0.9440	0.6667	16.434	27.771	0.2302
FREQ OF MAX POWER	0.1406	0.1502	0.0417	0.0255	0.1696
FMP: BAND 1	0.0364	0.0127	0.0312	0.0000	0.3409
FMP: BAND 2	0.1614	0.0415	0.0989	0.0127	0.0128
FMP: BAND 3	0.2500	0.0765	0.2187	0.0000	0.3409
FMP: BAND 1/BAND 2	0.2500	0.1394	0.3194	0.0340	0.2842
FMP: BAND 1/BAND 3	0.1556	0.0689	0.1428	0.0000	0.6585
FMP: BAND 2/BAND 3	0.6721	0.2080	0.4523	0.0583	0.0488

--- = Unable to Perform Statistics

APPENDIX 31 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2784	0.1221	0.1092	0.0719	0.0110
PD: BAND 1	0.0403	0.0084	0.0349	0.0019	0.1838
PD: BAND 2	0.1413	0.0155	0.1162	0.0130	0.0127
PD: BAND 3	0.3195	0.0404	0.3015	0.0297	0.3984
PD: BAND 1/BAND 2	0.2914	0.0866	0.3054	0.0514	0.7398
PD: BAND 1/BAND 3	0.1274	0.0292	0.1167	0.0130	0.4328
PD: BAND 2/BAND 3	0.4462	0.0601	0.3886	0.0569	0.1193
PD VARIABILITY	1.68E-5	2.06E-5	2 E-8	2 E-8	0.1022
PDV: BAND 1	6.8 E-7	1.12E-6	3 E-7	6.1 E-7	0.4782
PDV: BAND 2	6.5 E-6	9.75E-6	7 E-8	1.5 E-7	0.1675
PDV: BAND 3	1.26E-4	2.46E-4	0.00	0.00	0.2660
PDV: BAND 1/BAND 2	0.7286	1.5631	123.05	184.47	0.1652
PDV: BAND 1/BAND 3	1.1217	2.6197	494.69	497.40	0.0593
PDV: BAND 2/BAND 3	1.3509	1.4750	1404.9	3359.5	0.3531

--- = Unable to Perform Statistics

APPENDIX 31 Continued

Null Hypothesis 12 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	82.3	12.4	190	22.3	0.0000
HR VARIABILITY	1.92	1.11	0.323	0.270	0.0163
R-AMPLITUDE (RA)	0.903	0.267	0.763	0.250	0.3717
RA VARIABILITY	5.21	7.87	2.50	2.29	0.4505
TOTAL POWER (TP)	0.0639	0.0372	0.0107	0.0090	0.0163
TP: BAND 1	0.0123	0.0072	0.0091	0.0077	0.4751
TP: BAND 2	0.0116	0.0058	0.0012	0.0009	0.0068
TP: BAND 3	0.0267	0.0218	0.0003	0.0003	0.0311
TP: BAND 1/BAND 2	1.3388	1.1124	8.1125	3.3324	0.0031
TP: BAND 1/BAND 3	1.5254	1.9737	54.583	41.365	0.0256
TP: BAND 2/BAND 3	0.8127	0.5824	8.3094	7.0291	0.0475
FREQ OF MAX POWER	0.2344	0.2382	0.0260	0.0128	0.0851
FMP: BAND 1	0.0338	0.0182	0.0260	0.0127	0.4105
FMP: BAND 2	0.1145	0.0449	0.0833	0.0080	0.1512
FMP: BAND 3	0.2421	0.0882	0.2031	0.0000	0.3037
FMP: BAND 1/BAND 2	0.2976	0.1218	0.3055	0.1272	0.9150
FMP: BAND 1/BAND 3	0.1382	0.0573	0.1282	0.0628	0.7784
FMP: BAND 2/BAND 3	0.4932	0.2041	0.4102	0.0397	0.3703

--- = Unable to Perform Statistics

APPENDIX 31 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2713	0.1287	0.0754	0.0179	0.0133
PD: BAND 1	0.0326	0.0080	0.0321	0.0070	0.9041
PD: BAND 2	0.1279	0.0150	0.1024	0.0061	0.0033
PD: BAND 3	0.3127	0.0425	0.2972	0.0261	0.4626
PD: BAND 1/BAND 2	0.2569	0.0608	0.3167	0.0796	0.1741
PD: BAND 1/BAND 3	0.1043	0.0213	0.1104	0.0331	0.7110
PD: BAND 2/BAND 3	0.4135	0.0664	0.3462	0.0268	0.0443
PD VARIABILITY	1.05E-5	1.4 E-5	1 E-8	2 E-8	0.1258
PDV: BAND 1	2.8 E-7	3.3 E-7	2.9 E-7	3.9 E-7	0.9503
PDV: BAND 2	2.31E-6	1.98E-6	2 E-8	3 E-8	0.0371
PDV: BAND 3	4.71E-5	9.49E-5	0.00	0.00	0.2780
PDV: BAND 1/BAND 2	0.3187	0.4082	22.983	23.318	0.0631
PDV: BAND 1/BAND 3	0.3007	0.5197	1076.6	1279.1	0.0943
PDV: BAND 2/BAND 3	0.5867	0.5265	112.06	139.61	0.1079

--- = Unable to Perform Statistics

APPENDIX 31 Continued

Null Hypothesis 12 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.2	12.6	189	23.4	0.0000
HR VARIABILITY	2.27	1.32	0.529	0.363	0.0224
R-AMPLITUDE (RA)	0.880	0.269	0.778	0.260	0.5192
RA VARIABILITY	6.13	8.74	2.39	1.86	0.3492
TOTAL POWER (TP)	0.0758	0.0442	0.0177	0.0121	0.0225
TP: BAND 1	0.0152	0.0075	0.0165	0.0117	0.8280
TP: BAND 2	0.0124	0.0061	0.0009	0.0007	0.0057
TP: BAND 3	0.0320	0.0245	0.0001	0.0001	0.0244
TP: BAND 1/BAND 2	1.3514	0.5450	25.620	18.273	0.0226
TP: BAND 1/BAND 3	1.3117	1.5213	163.96	109.13	0.0147
TP: BAND 2/BAND 3	0.8380	0.7830	10.079	8.2039	0.0398
FREQ OF MAX POWER	0.2044	0.2521	0.0143	0.0104	0.1240
FMP: BAND 1	0.0143	0.0159	0.0143	0.0103	1.0000
FMP: BAND 2	0.1328	0.0447	0.0755	0.0094	0.0252
FMP: BAND 3	0.2942	0.1224	0.1953	0.0000	0.0758
FMP: BAND 1/BAND 2	0.1100	0.1040	0.1972	0.1529	0.2751
FMP: BAND 1/BAND 3	0.0635	0.0869	0.0733	0.0531	0.8187
FMP: BAND 2/BAND 3	0.5037	0.2533	0.3866	0.0484	0.3137

--- = Unable to Perform Statistics

APPENDIX 31 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2642	0.1202	0.0397	0.0108	0.0059
PD: BAND 1	0.0266	0.0076	0.0207	0.0110	0.3007
PD: BAND 2	0.1290	0.0143	0.0989	0.0085	0.0013
PD: BAND 3	0.3160	0.0447	0.2968	0.0185	0.3556
PD: BAND 1/BAND 2	0.2083	0.0602	0.2145	0.1210	0.9123
PD: BAND 1/BAND 3	0.0859	0.0295	0.0710	0.0391	0.4720
PD: BAND 2/BAND 3	0.4126	0.0534	0.3332	0.0222	0.0073
PD VARIABILITY	8.18E-6	1.14E-5	1 E-8	1 E-8	0.1412
PDV: BAND 1	2.7 E-7	2.4 E-7	3 E-7	4.7 E-7	0.9029
PDV: BAND 2	2.97E-6	4.43E-6	2 E-8	3 E-8	0.1637
PDV: BAND 3	3.6 E-5	6.17E-5	0.00	0.00	0.2123
PDV: BAND 1/BAND 2	0.2873	0.2961	143.11	148.73	0.0654
PDV: BAND 1/BAND 3	0.4856	1.0592	6040.1	7268.4	0.0974
PDV: BAND 2/BAND 3	0.9507	1.2511	235.75	315.44	0.1279

--- = Unable to Perform Statistics

APPENDIX 32

Null Hypothesis 13 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	187	20.4	283	26.3	0.0000
HR VARIABILITY	0.0429	0.0421	7.06	9.50	0.1298
R-AMPLITUDE (RA)	0.750	0.241	0.534	0.153	0.0953
RA VARIABILITY	1.57	1.98	4.32	4.72	0.2166
TOTAL POWER (TP)	0.0014	0.0014	0.232	0.311	0.1298
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0010	0.0011	0.160	0.228	0.1480
TP: BAND 3	0.0003	0.0003	0.0477	0.0577	0.1003
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	4.4233	3.7314	2.5547	0.9347	0.2822
FREQ OF MAX POWER	0.1250	0.0000	0.3958	0.6634	0.3409
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 32 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3816	0.1477	0.5976	0.5435	0.3856
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3237	0.0263	0.3166	0.0126	0.5616
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	1 E-8	1 E-8	2.55E-4	4.44E-4	0.2192
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	0.00	1 E-8	3.62E-5	5.83E-5	0.1882
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 32 Continued

Null Hypothesis 13 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	189	20.8	294	14.6	0.0000
HR VARIABILITY	0.177	0.204	7.68	11.0	0.1564
R-AMPLITUDE (RA)	0.741	0.222	0.549	0.161	0.1176
RA VARIABILITY	1.48	1.62	3.31	3.44	0.2671
TOTAL POWER (TP)	0.0059	0.0067	0.254	0.365	0.1564
TP: BAND 1	0.0043	0.0054	0.149	0.226	0.1769
TP: BAND 2	0.0009	0.0011	0.0646	0.0906	0.1455
TP: BAND 3	0.0004	0.0005	0.0233	0.0291	0.1110
TP: BAND 1/BAND 2	8.1754	12.002	6.7295	11.373	0.8347
TP: BAND 1/BAND 3	99.053	227.70	6.4700	4.4614	0.3651
TP: BAND 2/BAND 3	4.8339	6.2329	1.9570	0.9215	0.3125
FREQ OF MAX POWER	0.0729	0.0255	0.0625	0.0000	0.3409
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1354	0.0255	0.1250	0.0000	0.3409
FMP: BAND 3	0.2500	0.0000	0.2916	0.1020	0.3409
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5416	0.1020	0.4583	0.1020	0.1877

--- = Unable to Perform Statistics

APPENDIX 32 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2340	0.1061	0.4624	0.4803	0.3029
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1406	0.0116	0.1434	0.0041	0.6035
PD: BAND 3	0.3373	0.0296	0.3482	0.0401	0.6051
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4196	0.0492	0.4165	0.0489	0.9145
PD VARIABILITY	5 E-8	7 E-8	8.46E-5	1.54E-4	0.2380
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	1 E-8	1 E-8	9.58E-5	1.9 E-4	0.2720
PDV: BAND 3	0.00	1 E-8	4.7 E-6	7.4 E-7	0.1811
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	56.082	128.87	9.3146	19.339	0.4182

--- = Unable to Perform Statistics

APPENDIX 32 Continued

Null Hypothesis 13 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	189	20.9	299	8.39	0.0000
HR VARIABILITY	0.212	0.161	5.16	7.58	0.1708
R-AMPLITUDE (RA)	0.748	0.231	0.597	0.189	0.2432
RA VARIABILITY	2.03	1.93	3.81	3.36	0.2875
TOTAL POWER (TP)	0.0071	0.0053	0.171	0.251	0.1709
TP: BAND 1	0.0056	0.0052	0.109	0.165	0.1866
TP: BAND 2	0.0011	0.0012	0.0417	0.0614	0.1662
TP: BAND 3	0.0002	0.0002	0.0122	0.0157	0.1204
TP: BAND 1/BAND 2	10.297	10.911	3.7607	3.3498	0.2109
TP: BAND 1/BAND 3	50.866	38.119	10.713	10.807	0.0493
TP: BAND 2/BAND 3	16.434	27.771	2.6924	0.8500	0.2798
FREQ OF MAX POWER	0.0417	0.0255	0.0313	0.0000	0.3409
FMP: BAND 1	0.0312	0.0000	0.0312	0.0000	1.0000
FMP: BAND 2	0.0989	0.0127	0.0937	0.0000	0.3409
FMP: BAND 3	0.2187	0.0000	0.2187	0.0000	1.0000
FMP: BAND 1/BAND 2	0.3194	0.0340	0.3333	0.0000	0.3409
FMP: BAND 1/BAND 3	0.1428	0.0000	0.1428	0.0000	1.0000
FMP: BAND 2/BAND 3	0.4523	0.0583	0.4285	0.0000	0.3409

--- = Unable to Perform Statistics

APPENDIX 32 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.1092	0.0719	0.2894	0.1550	0.0273
PD: BAND 1	0.0349	0.0019	0.0406	0.0025	0.0015
PD: BAND 2	0.1162	0.0130	0.1238	0.0035	0.2191
PD: BAND 3	0.3015	0.0297	0.3144	0.0079	0.3442
PD: BAND 1/BAND 2	0.3054	0.0514	0.3280	0.0220	0.3464
PD: BAND 1/BAND 3	0.1167	0.0130	0.1293	0.0109	0.1020
PD: BAND 2/BAND 3	0.3886	0.0569	0.3940	0.0173	0.8301
PD VARIABILITY	2 E-8	2 E-8	1.13E-5	2.12E-5	0.2490
PDV: BAND 1	3 E-7	6.1 E-7	3 E-8	3 E-8	0.3207
PDV: BAND 2	7 E-8	1.5 E-7	1.83E-5	3.72E-5	0.2834
PDV: BAND 3	0.00	0.00	7.2 E-7	1.08E-6	0.1641
PDV: BAND 1/BAND 2	123.05	184.47	13.313	30.232	0.2074
PDV: BAND 1/BAND 3	494.69	497.40	59.414	143.79	0.0867
PDV: BAND 2/BAND 3	1404.9	3359.5	10.387	18.795	0.3559

--- = Unable to Perform Statistics

APPENDIX 32 Continued

Null Hypothesis 13 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	190	22.3	298	6.71	0.0001
HR VARIABILITY	0.323	0.270	2.91	3.84	0.1602
R-AMPLITUDE (RA)	0.763	0.250	0.610	0.186	0.2572
RA VARIABILITY	2.50	2.29	3.63	2.21	0.4024
TOTAL POWER (TP)	0.0107	0.0090	0.0969	0.128	0.1604
TP: BAND 1	0.0091	0.0077	0.0681	0.0873	0.1589
TP: BAND 2	0.0012	0.0009	0.0199	0.0304	0.1917
TP: BAND 3	0.0003	0.0003	0.0049	0.0066	0.1133
TP: BAND 1/BAND 2	8.1125	3.3324	15.083	22.113	0.4628
TP: BAND 1/BAND 3	54.583	41.365	50.217	78.697	0.9066
TP: BAND 2/BAND 3	8.3094	7.0291	3.2271	0.9260	0.1378
FREQ OF MAX POWER	0.0260	0.0128	0.0156	0.0000	0.1019
FMP: BAND 1	0.0260	0.0127	0.0156	0.0000	0.0734
FMP: BAND 2	0.0833	0.0080	0.0781	0.0000	0.1449
FMP: BAND 3	0.2031	0.0000	0.2031	0.0000	1.0000
FMP: BAND 1/BAND 2	0.3055	0.1272	0.2000	0.0000	0.0695
FMP: BAND 1/BAND 3	0.1282	0.0628	0.0769	0.0000	0.0734
FMP: BAND 2/BAND 3	0.4102	0.0397	0.3846	0.0000	0.1449

--- = Unable to Perform Statistics

APPENDIX 32 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0754	0.0179	0.1481	0.0428	0.0033
PD: BAND 1	0.0321	0.0070	0.0252	0.0044	0.0679
PD: BAND 2	0.1024	0.0061	0.1117	0.0067	0.0316
PD: BAND 3	0.2972	0.0261	0.3067	0.0098	0.4240
PD: BAND 1/BAND 2	0.3167	0.0796	0.2258	0.0401	0.0316
PD: BAND 1/BAND 3	0.1104	0.0331	0.0824	0.0157	0.0906
PD: BAND 2/BAND 3	0.3462	0.0268	0.3652	0.0316	0.2895
PD VARIABILITY	1 E-8	2 E-8	1.07E-6	2.02E-6	0.2566
PDV: BAND 1	2.9 E-7	3.9 E-7	3.6 E-7	4.5 E-7	0.7948
PDV: BAND 2	2 E-8	3 E-8	2.06E-6	4.3 E-6	0.2982
PDV: BAND 3	0.00	0.00	7 E-8	1.1 E-7	0.1684
PDV: BAND 1/BAND 2	22.983	23.318	152.10	251.39	0.2649
PDV: BAND 1/BAND 3	1076.6	1279.1	987.71	2103.3	0.9312
PDV: BAND 2/BAND 3	112.06	139.61	12.321	18.375	0.1416

--- = Unable to Perform Statistics

APPENDIX 32 Continued

Null Hypothesis 13 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	189	23.4	287	6.93	0.0001
HR VARIABILITY	0.529	0.363	4.85	2.74	0.0116
R-AMPLITUDE (RA)	0.778	0.260	0.603	0.166	0.1969
RA VARIABILITY	2.39	1.86	3.48	2.06	0.3592
TOTAL POWER (TP)	0.0177	0.0121	0.161	0.0913	0.0116
TP: BAND 1	0.0165	0.0117	0.148	0.0864	0.0133
TP: BAND 2	0.0009	0.0007	0.0085	0.0095	0.1086
TP: BAND 3	0.0001	0.0001	0.0018	0.0016	0.0506
TP: BAND 1/BAND 2	25.620	18.273	38.960	33.740	0.4144
TP: BAND 1/BAND 3	163.96	109.13	201.19	209.06	0.7071
TP: BAND 2/BAND 3	10.079	8.2039	4.8436	1.4854	0.1814
FREQ OF MAX POWER	0.0143	0.0104	0.0078	0.0000	0.1556
FMP: BAND 1	0.0143	0.0103	0.0078	0.0000	0.1556
FMP: BAND 2	0.0755	0.0094	0.0716	0.0031	0.3743
FMP: BAND 3	0.1953	0.0000	0.1953	0.0000	1.0000
FMP: BAND 1/BAND 2	0.1972	0.1529	0.1092	0.0045	0.2179
FMP: BAND 1/BAND 3	0.0733	0.0531	0.0400	0.0000	0.1556
FMP: BAND 2/BAND 3	0.3866	0.0484	0.3666	0.0163	0.3743

--- = Unable to Perform Statistics

APPENDIX 32 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0397	0.0108	0.0668	0.0510	0.2553
PD: BAND 1	0.0207	0.0110	0.0138	0.0027	0.1942
PD: BAND 2	0.0989	0.0085	0.1043	0.0030	0.1943
PD: BAND 3	0.2968	0.0185	0.3039	0.0202	0.5416
PD: BAND 1/BAND 2	0.2145	0.1210	0.1330	0.0260	0.1631
PD: BAND 1/BAND 3	0.0710	0.0391	0.0459	0.0099	0.1822
PD: BAND 2/BAND 3	0.3332	0.0222	0.3444	0.0248	0.4286
PD VARIABILITY	1 E-8	1 E-8	3.3 E-7	3.3 E-7	0.0607
PDV: BAND 1	3 E-7	4.7 E-7	7.94E-6	1.28E-5	0.2045
PDV: BAND 2	2 E-8	3 E-8	1.4 E-7	2.7 E-7	0.3123
PDV: BAND 3	0.00	0.00	0.00	0.00	0.0719
PDV: BAND 1/BAND 2	143.11	148.73	677.19	939.91	0.2253
PDV: BAND 1/BAND 3	6040.1	7268.4	6638.5	8643.5	0.8993
PDV: BAND 2/BAND 3	235.75	315.44	21.111	22.385	0.1568

--- = Unable to Perform Statistics

APPENDIX 33

Null Hypothesis 14 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	187	20.4	207	14.1	0.0788
HR VARIABILITY	0.0429	0.0421	0.0524	0.0387	0.6925
R-AMPLITUDE (RA)	0.750	0.242	0.818	0.256	0.6478
RA VARIABILITY	1.57	1.98	4.75	7.04	0.3297
TOTAL POWER (TP)	0.0014	0.0014	0.0017	0.0013	0.6905
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0010	0.0011	0.0012	0.0011	0.7355
TP: BAND 3	0.0003	0.0003	0.0003	0.0002	0.8682
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	4.4233	3.7314	3.8548	3.2105	0.7830
FREQ OF MAX POWER	0.1250	0.0000	0.1458	0.0510	0.3409
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 33 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3816	0.1477	0.4835	0.3077	0.4816
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3237	0.0263	0.3178	0.0360	0.7503
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	1 E-8	1 E-8	1 E-8	1 E-8	0.8338
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	0.00	1 E-8	0.00	0.00	0.8143
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 33 Continued

Null Hypothesis 14 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	189	20.8	209	14.5	0.0905
HR VARIABILITY	0.177	0.204	0.0900	0.0673	0.3559
R-AMPLITUDE (RA)	0.741	0.222	0.827	0.253	0.5461
RA VARIABILITY	1.48	1.62	4.40	4.01	0.1296
TOTAL POWER (TP)	0.0059	0.0067	0.0030	0.0022	0.3574
TP: BAND 1	0.0043	0.0054	0.0021	0.0019	0.3762
TP: BAND 2	0.0009	0.0011	0.0006	0.0005	0.5654
TP: BAND 3	0.0004	0.0005	0.0001	0.0001	0.3069
TP: BAND 1/BAND 2	8.1754	12.002	7.1971	8.2569	0.8726
TP: BAND 1/BAND 3	99.053	227.70	18.234	10.149	0.4247
TP: BAND 2/BAND 3	4.8339	6.2329	5.2023	4.5264	0.9091
FREQ OF MAX POWER	0.0729	0.0255	0.0625	0.0000	0.3409
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1354	0.0255	0.1354	0.0255	1.0000
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5416	0.1020	0.5416	0.1020	1.0000

--- = Unable to Perform Statistics

APPENDIX 33 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2340	0.1061	0.2289	0.1350	0.9438
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1406	0.0116	0.1369	0.0114	0.5906
PD: BAND 3	0.3373	0.0296	0.3535	0.0126	0.2463
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4196	0.0492	0.3879	0.0373	0.2381
PD VARIABILITY	5 E-8	7 E-8	1 E-8	1 E-8	0.2399
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	1 E-8	1 E-8	2 E-8	3 E-8	0.3226
PDV: BAND 3	0.00	1 E-8	0.00	0.00	0.3695
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	56.082	128.87	48.237	793513	0.9015

--- = Unable to Perform Statistics

APPENDIX 33 Continued

Null Hypothesis 14 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	190	20.9	209	14.1	0.0862
HR VARIABILITY	0.213	0.161	0.108	0.0571	0.1827
R-AMPLITUDE (RA)	0.749	0.231	0.800	0.233	0.7092
RA VARIABILITY	2.04	1.94	6.19	9.40	0.3338
TOTAL POWER (TP)	0.0071	0.0053	0.0036	0.0019	0.1813
TP: BAND 1	0.0056	0.0052	0.0028	0.0019	0.2644
TP: BAND 2	0.0011	0.0012	0.0004	0.0002	0.1985
TP: BAND 3	0.0002	0.0002	0.0002	0.0001	0.7604
TP: BAND 1/BAND 2	10.297	10.911	8.3673	5.9922	0.7121
TP: BAND 1/BAND 3	50.866	38.119	18.071	11.157	0.0910
TP: BAND 2/BAND 3	16.434	27.771	2.5791	1.0227	0.2763
FREQ OF MAX POWER	0.0417	0.0255	0.0469	0.0171	0.6867
FMP: BAND 1	0.0312	0.0000	0.0468	0.0171	0.0493
FMP: BAND 2	0.0989	0.0127	0.1197	0.0307	0.1561
FMP: BAND 3	0.2187	0.0000	0.2187	0.0000	1.0000
FMP: BAND 1/BAND 2	0.3194	0.0340	0.4277	0.2154	0.2759
FMP: BAND 1/BAND 3	0.1428	0.0000	0.2142	0.0782	0.0493
FMP: BAND 2/BAND 3	0.4523	0.0583	0.5476	0.1404	0.1561

--- = Unable to Perform Statistics

APPENDIX 33 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.1092	0.0719	0.1824	0.1006	0.1776
PD: BAND 1	0.0349	0.0019	0.0469	0.0066	0.0059
PD: BAND 2	0.1162	0.0130	0.1279	0.0153	0.1843
PD: BAND 3	0.3015	0.0297	0.3285	0.0408	0.2203
PD: BAND 1/BAND 2	0.3054	0.0514	0.3705	0.0647	0.0827
PD: BAND 1/BAND 3	0.1167	0.0130	0.1449	0.0285	0.0527
PD: BAND 2/BAND 3	0.3886	0.0569	0.3907	0.0332	0.9369
PD VARIABILITY	2 E-8	2 E-8	0.00	0.00	0.2116
PDV: BAND 1	3 E-7	6.1 E-7	3 E-8	4 E-8	0.3224
PDV: BAND 2	7 E-8	1.5 E-7	0.00	0.00	0.3326
PDV: BAND 3	0.00	0.00	0.00	0.00	0.4290
PDV: BAND 1/BAND 2	123.05	184.47	10.268	10.939	0.1948
PDV: BAND 1/BAND 3	494.69	497.40	37.366	31.869	0.0741
PDV: BAND 2/BAND 3	1404.9	3359.5	7.0660	5.8330	0.3549

--- = Unable to Perform Statistics

APPENDIX 33 Continued

Null Hypothesis 14 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	191	22.4	212	14.2	0.0786
HR VARIABILITY	0.323	0.270	0.282	0.102	0.7358
R-AMPLITUDE (RA)	0.764	0.251	0.791	0.239	0.8519
RA VARIABILITY	2.50	2.29	6.76	10.4	0.3681
TOTAL POWER (TP)	0.0107	0.0090	0.0094	0.0034	0.7349
TP: BAND 1	0.0091	0.0077	0.0076	0.0030	0.6760
TP: BAND 2	0.0012	0.0009	0.0010	0.0004	0.6808
TP: BAND 3	0.0003	0.0003	0.0003	0.0002	0.5990
TP: BAND 1/BAND 2	8.1125	3.3324	7.8293	3.1236	0.8823
TP: BAND 1/BAND 3	54.583	41.365	25.856	11.183	0.1543
TP: BAND 2/BAND 3	8.3094	7.0291	3.3607	0.7508	0.1459
FREQ OF MAX POWER	0.0260	0.0128	0.0234	0.0191	0.7872
FMP: BAND 1	0.0260	0.0127	0.0234	0.0191	0.7872
FMP: BAND 2	0.0833	0.0080	0.0859	0.0130	0.6867
FMP: BAND 3	0.2031	0.0000	0.2135	0.0255	0.3409
FMP: BAND 1/BAND 2	0.3055	0.1272	0.2682	0.1965	0.7045
FMP: BAND 1/BAND 3	0.1282	0.0628	0.1123	0.0959	0.7422
FMP: BAND 2/BAND 3	0.4102	0.0397	0.4019	0.0311	0.6957

--- = Unable to Perform Statistics

APPENDIX 33 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0754	0.0179	0.1038	0.0242	0.0433
PD: BAND 1	0.0321	0.0070	0.0287	0.0102	0.5150
PD: BAND 2	0.1024	0.0061	0.1120	0.0119	0.1106
PD: BAND 3	0.2972	0.0261	0.2965	0.0071	0.9549
PD: BAND 1/BAND 2	0.3167	0.0796	0.2583	0.0935	0.2709
PD: BAND 1/BAND 3	0.1104	0.0331	0.0968	0.0341	0.4998
PD: BAND 2/BAND 3	0.3462	0.0268	0.3773	0.0325	0.1018
PD VARIABILITY	1 E-8	2 E-8	0.00	0.00	0.2764
PDV: BAND 1	2.9 E-7	3.9 E-7	7 E-8	6 E-8	0.2203
PDV: BAND 2	2 E-8	3 E-8	1 E-8	1 E-8	0.2575
PDV: BAND 3	0.00	0.00	0.00	0.00	0.7439
PDV: BAND 1/BAND 2	22.983	23.318	26.430	44.577	0.8701
PDV: BAND 1/BAND 3	1076.6	1279.1	175.07	209.34	0.1465
PDV: BAND 2/BAND 3	112.06	139.61	12.706	11.858	0.1422

--- = Unable to Perform Statistics

APPENDIX 33 Continued

Null Hypothesis 14 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	189	23.4	219	15.5	0.0285
HR VARIABILITY	0.529	0.364	1.25	0.770	0.0641
R-AMPLITUDE (RA)	0.778	0.261	0.769	0.218	0.9480
RA VARIABILITY	2.39	1.86	7.00	11.1	0.3618
TOTAL POWER (TP)	0.0177	0.0121	0.0418	0.0256	0.0637
TP: BAND 1	0.0165	0.0117	0.0380	0.0239	0.0753
TP: BAND 2	0.0009	0.0007	0.0025	0.0011	0.0198
TP: BAND 3	0.0001	0.0001	0.0007	0.0004	0.0180
TP: BAND 1/BAND 2	25.620	18.273	14.574	3.8967	0.2029
TP: BAND 1/BAND 3	163.96	109.13	53.790	9.1027	0.0564
TP: BAND 2/BAND 3	10.079	8.2039	3.8497	0.8746	0.1225
FREQ OF MAX POWER	0.0143	0.0104	0.0104	0.0064	0.4506
FMP: BAND 1	0.0143	0.0103	0.0104	0.0063	0.4506
FMP: BAND 2	0.0755	0.0094	0.0716	0.0031	0.3743
FMP: BAND 3	0.1953	0.0000	0.1953	0.0000	1.0000
FMP: BAND 1/BAND 2	0.1972	0.1529	0.1425	0.0771	0.4527
FMP: BAND 1/BAND 3	0.0733	0.0531	0.0533	0.0326	0.4506
FMP: BAND 2/BAND 3	0.3866	0.0484	0.3666	0.0163	0.3743

--- = Unable to Perform Statistics

APPENDIX 33 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0397	0.0108	0.0490	0.1108	0.1753
PD: BAND 1	0.0207	0.0110	0.0172	0.0050	0.5029
PD: BAND 2	0.0989	0.0085	0.1024	0.0039	0.3770
PD: BAND 3	0.2968	0.0185	0.2997	0.0061	0.7310
PD: BAND 1/BAND 2	0.2145	0.1210	0.1699	0.0559	0.4314
PD: BAND 1/BAND 3	0.0710	0.0391	0.0574	0.0161	0.4517
PD: BAND 2/BAND 3	0.3332	0.0222	0.3420	0.0162	0.4510
PD VARIABILITY	1 E-8	1 E-8	2 E-8	2 E-8	0.2206
PDV: BAND 1	3 E-7	4.7 E-7	5.8 E-7	5.2 E-7	0.3446
PDV: BAND 2	2 E-8	3 E-8	2 E-8	1 E-8	0.8837
PDV: BAND 3	0.00	0.00	0.00	0.00	0.0142
PDV: BAND 1/BAND 2	143.11	148.73	36.553	32.683	0.1424
PDV: BAND 1/BAND 3	6040.1	7268.4	694.94	549.28	0.1318
PDV: BAND 2/BAND 3	235.75	315.44	23.881	17.062	0.1611

--- = Unable to Perform Statistics

APPENDIX 34

Null Hypothesis 15 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	207	14.1	207	20.3	0.9633
HR VARIABILITY	0.0524	0.0387	0.105	0.153	0.4479
R-AMPLITUDE (RA)	0.818	0.256	0.851	0.218	0.8124
RA VARIABILITY	4.75	7.04	2.31	3.01	0.4541
TOTAL POWER (TP)	0.0017	0.0013	0.0034	0.0050	0.4490
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0012	0.0011	0.0020	0.0038	0.6192
TP: BAND 3	0.0003	0.0002	0.0009	0.0011	0.2377
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	3.8548	3.2105	2.1185	1.5928	0.2628
FREQ OF MAX POWER	0.1458	0.0510	0.1458	0.0510	1.0000
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 34 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.4835	0.3077	0.5565	0.2580	0.6653
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3178	0.0360	0.3217	0.0226	0.8253
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	1 E-8	1 E-8	7 E-8	1.4 E-7	0.3582
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	0.00	0.00	2 E-8	4 E-8	0.2464
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 34 Continued

Null Hypothesis 15 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	209	14.5	207	20.6	0.8689
HR VARIABILITY	0.0895	0.0673	0.105	0.145	0.8203
R-AMPLITUDE (RA)	0.827	0.253	0.862	0.258	0.8186
RA VARIABILITY	4.40	4.01	2.83	3.81	0.5036
TOTAL POWER (TP)	0.0030	0.0022	0.0035	0.0048	0.8224
TP: BAND 1	0.0021	0.0019	0.0026	0.0050	0.8274
TP: BAND 2	0.0006	0.0005	0.0005	0.0005	0.8096
TP: BAND 3	0.0001	0.0001	0.0002	0.0002	0.4958
TP: BAND 1/BAND 2	7.1971	8.2569	25.832	60.197	0.4853
TP: BAND 1/BAND 3	18.234	10.149	43.972	93.508	0.5318
TP: BAND 2/BAND 3	5.2023	4.5264	3.9031	2.7557	0.5615
FREQ OF MAX POWER	0.0625	0.0000	0.0729	0.0255	0.3409
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1354	0.0255	0.1458	0.0322	0.5490
FMP: BAND 3	0.2500	0.0000	0.2500	0.0000	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5416	0.1020	0.5833	0.1290	0.5490

--- = Unable to Perform Statistics

APPENDIX 34 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2289	0.1350	0.3072	0.1425	0.3519
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1369	0.0114	0.1464	0.0192	0.3249
PD: BAND 3	0.3535	0.0126	0.3422	0.0261	0.3606
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.3879	0.0373	0.4295	0.0623	0.1912
PD VARIABILITY	1 E-8	1 E-8	3 E-8	6 E-8	0.4836
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	2 E-8	3 E-8	2 E-8	2 E-8	0.7025
PDV: BAND 3	0.00	0.00	0.00	0.00	0.3077
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	48.237	79.513	14.201	16.353	0.3484

--- = Unable to Perform Statistics

APPENDIX 34 Continued

Null Hypothesis 15 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	209	14.1	205	18.8	0.6796
HR VARIABILITY	0.108	0.0571	0.209	0.152	0.1571
R-AMPLITUDE (RA)	0.800	0.233	0.855	0.255	0.7058
RA VARIABILITY	6.20	9.40	3.86	3.63	0.5837
TOTAL POWER (TP)	0.0036	0.0019	0.0070	0.0050	0.1550
TP: BAND 1	0.0028	0.0019	0.0056	0.0050	0.2282
TP: BAND 2	0.0004	0.0002	0.0009	0.0004	0.0172
TP: BAND 3	0.0002	0.0001	0.0002	0.0001	0.3532
TP: BAND 1/BAND 2	8.3673	5.9922	6.7791	6.9307	0.6801
TP: BAND 1/BAND 3	18.071	11.157	37.237	47.006	0.3718
TP: BAND 2/BAND 3	2.5791	1.0227	4.7747	1.6760	0.0209
FREQ OF MAX POWER	0.0469	0.0171	0.0313	0.0000	0.0493
FMP: BAND 1	0.0468	0.0171	0.0312	0.0000	0.0493
FMP: BAND 2	0.1197	0.0307	0.0937	0.0000	0.0646
FMP: BAND 3	0.2187	0.0000	0.2187	0.0000	1.0000
FMP: BAND 1/BAND 2	0.4277	0.2154	0.3333	0.0000	0.3081
FMP: BAND 1/BAND 3	0.2142	0.0782	0.1428	0.0000	0.0493
FMP: BAND 2/BAND 3	0.5476	0.1404	0.4285	0.0000	0.0646

--- = Unable to Perform Statistics

APPENDIX 34 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.1824	0.1006	0.1332	0.0504	0.3093
PD: BAND 1	0.0469	0.0066	0.0401	0.0050	0.0736
PD: BAND 2	0.1279	0.0153	0.1162	0.0077	0.1266
PD: BAND 3	0.3285	0.0408	0.3153	0.0208	0.4995
PD: BAND 1/BAND 2	0.3705	0.0647	0.3483	0.0649	0.5669
PD: BAND 1/BAND 3	0.1449	0.0285	0.1269	0.0102	0.1946
PD: BAND 2/BAND 3	0.3907	0.0332	0.3708	0.0448	0.4022
PD VARIABILITY	0.00	0.00	1 E-8	2 E-8	0.2858
PDV: BAND 1	3 E-8	4 E-8	6 E-8	1 E-7	0.4327
PDV: BAND 2	0.00	0.00	1 E-8	1 E-8	0.1973
PDV: BAND 3	0.00	0.00	0.00	0.00	0.7718
PDV: BAND 1/BAND 2	10.268	10.939	9.9539	10.679	0.9608
PDV: BAND 1/BAND 3	37.366	31.869	342.08	762.96	0.3731
PDV: BAND 2/BAND 3	7.0660	5.8330	22.554	25.014	0.1945

--- = Unable to Perform Statistics

APPENDIX 34 Continued

Null Hypothesis 15 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	212	14.2	202	17.1	0.3059
HR VARIABILITY	0.282	0.102	0.373	0.240	0.4126
R-AMPLITUDE (RA)	0.791	0.239	0.856	0.234	0.6468
RA VARIABILITY	6.76	10.4	4.63	4.45	0.6545
TOTAL POWER (TP)	0.0094	0.0034	0.0124	0.0080	0.4154
TP: BAND 1	0.0076	0.0030	0.0109	0.0079	0.3664
TP: BAND 2	0.0010	0.0004	0.0011	0.0006	0.8448
TP: BAND 3	0.0003	0.0002	0.0002	0.0001	0.0677
TP: BAND 1/BAND 2	7.8293	3.1236	13.904	16.416	0.4117
TP: BAND 1/BAND 3	25.856	11.183	61.580	39.222	0.0773
TP: BAND 2/BAND 3	3.3607	0.7508	8.6843	7.3171	0.1354
FREQ OF MAX POWER	0.0234	0.0191	0.0208	0.0128	0.7872
FMP: BAND 1	0.0234	0.0191	0.0208	0.0127	0.7872
FMP: BAND 2	0.0859	0.0130	0.0833	0.0080	0.6867
FMP: BAND 3	0.2135	0.0255	0.2031	0.0000	0.3409
FMP: BAND 1/BAND 2	0.2682	0.1965	0.2555	0.1695	0.9070
FMP: BAND 1/BAND 3	0.1123	0.0959	0.1025	0.0628	0.8383
FMP: BAND 2/BAND 3	0.4019	0.0311	0.4102	0.0397	0.6957

--- = Unable to Perform Statistics

APPENDIX 34 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.1038	0.0242	0.0752	0.0300	0.0989
PD: BAND 1	0.0287	0.0102	0.0284	0.0061	0.9528
PD: BAND 2	0.1120	0.0119	0.1043	0.0085	0.2293
PD: BAND 3	0.2965	0.0071	0.3141	0.0282	0.1921
PD: BAND 1/BAND 2	0.2583	0.0935	0.2771	0.0783	0.7130
PD: BAND 1/BAND 3	0.0968	0.0341	0.0910	0.0219	0.7325
PD: BAND 2/BAND 3	0.3773	0.0325	0.3347	0.0414	0.0762
PD VARIABILITY	0.00	0.00	1 E-8	1 E-8	0.2632
PDV: BAND 1	7 E-8	6 E-8	2 E-7	3 E-7	0.3439
PDV: BAND 2	1 E-8	1 E-8	2 E-8	2 E-8	0.3078
PDV: BAND 3	0.00	0.00	0.00	0.00	0.1006
PDV: BAND 1/BAND 2	26.430	44.577	117.96	201.04	0.3220
PDV: BAND 1/BAND 3	175.07	209.34	804.07	829.64	0.1254
PDV: BAND 2/BAND 3	12.706	11.858	160.03	200.08	0.1313

--- = Unable to Perform Statistics

APPENDIX 34 Continued

Null Hypothesis 15 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	219	15.5	199	15.6	0.0539
HR VARIABILITY	1.25	0.770	0.586	0.213	0.0892
R-AMPLITUDE (RA)	0.769	0.218	0.846	0.239	0.5739
RA VARIABILITY	7.00	11.1	4.48	3.79	0.6189
TOTAL POWER (TP)	0.0418	0.0256	0.0195	0.0071	0.0879
TP: BAND 1	0.0380	0.0239	0.0175	0.0069	0.0919
TP: BAND 2	0.0025	0.0011	0.0014	0.0007	0.0894
TP: BAND 3	0.0007	0.0004	0.0003	0.0001	0.0457
TP: BAND 1/BAND 2	14.574	3.8967	17.111	16.304	0.7246
TP: BAND 1/BAND 3	53.790	9.1027	89.019	51.612	0.1575
TP: BAND 2/BAND 3	3.8497	0.8746	7.7890	6.5243	0.2009
FREQ OF MAX POWER	0.0104	0.0064	0.0117	0.0065	0.7342
FMP: BAND 1	0.0104	0.0063	0.0117	0.0065	0.7342
FMP: BAND 2	0.0716	0.0031	0.0807	0.0127	0.1442
FMP: BAND 3	0.1953	0.0000	0.1966	0.0031	0.3409
FMP: BAND 1/BAND 2	0.1425	0.0771	0.1508	0.0964	0.8729
FMP: BAND 1/BAND 3	0.0533	0.0326	0.0597	0.0336	0.7447
FMP: BAND 2/BAND 3	0.3666	0.0163	0.4100	0.0589	0.1359

--- = Unable to Perform Statistics

APPENDIX 34 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.0490	0.0111	0.0456	0.0088	0.5792
PD: BAND 1	0.0172	0.0050	0.0182	0.0052	0.7500
PD: BAND 2	0.1024	0.0039	0.1014	0.0095	0.8217
PD: BAND 3	0.2997	0.0061	0.2985	0.0120	0.8347
PD: BAND 1/BAND 2	0.1699	0.0559	0.1831	0.0631	0.7095
PD: BAND 1/BAND 3	0.0574	0.0161	0.0611	0.0176	0.7150
PD: BAND 2/BAND 3	0.3420	0.0162	0.3410	0.0418	0.9582
PD VARIABILITY	2 E-8	2 E-8	1 E-8	0.00	0.1014
PDV: BAND 1	5.8 E-7	5.2 E-7	1.8 E-7	1.2 E-7	0.1183
PDV: BAND 2	2 E-8	1 E-8	1 E-8	1 E-8	0.6506
PDV: BAND 3	0.00	0.00	0.00	0.00	0.1352
PDV: BAND 1/BAND 2	36.553	32.683	48.107	71.908	0.7276
PDV: BAND 1/BAND 3	694.94	549.28	1348.3	1778.2	0.4232
PDV: BAND 2/BAND 3	23.881	17.062	105.22	148.93	0.2400

--- = Unable to Perform Statistics

APPENDIX 35

Null Hypothesis 16 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.7	10.3	97.2	16.6	0.3092
HR VARIABILITY	0.928	0.871	1.54	1.23	0.3415
R-AMPLITUDE (RA)	0.939	0.420	0.849	0.430	0.7227
RA VARIABILITY	1.60	1.37	0.842	0.391	0.2424
TOTAL POWER (TP)	0.0304	0.0286	0.0506	0.0403	0.3414
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0098	0.0137	0.0141	0.0125	0.5831
TP: BAND 3	0.0153	0.0189	0.0272	0.0230	0.3510
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.4411	1.8701	4.3335	9.3872	0.4903
FREQ OF MAX POWER	0.2708	0.1840	0.2917	0.1882	0.8501
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1290	0.3541	0.1228	0.7805
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 35 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3884	0.1059	0.3762	0.1022	0.8431
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3552	0.0704	0.3913	0.0403	0.3015
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	2.15E-5	4.43E-5	3.46E-5	4.63E-5	0.6269
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1.23E-4	2.95E-4	1.38E-4	2.14E-4	0.9212
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 35 Continued

Null Hypothesis 16 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	90.6	11.2	96.8	16.0	0.4550
HR VARIABILITY	1.17	0.738	1.84	1.11	0.2455
R-AMPLITUDE (RA)	0.937	0.420	0.867	0.452	0.7870
RA VARIABILITY	1.93	1.86	1.44	1.13	0.5933
TOTAL POWER (TP)	0.0386	0.0244	0.0608	0.0369	0.2455
TP: BAND 1	0.0075	0.0056	0.0176	0.0113	0.0798
TP: BAND 2	0.0144	0.0154	0.0158	0.0126	0.8686
TP: BAND 3	0.0117	0.0126	0.0166	0.0136	0.5312
TP: BAND 1/BAND 2	0.7952	0.5330	2.0669	2.5879	0.2879
TP: BAND 1/BAND 3	4.0882	7.6748	2.8626	4.2084	0.7387
TP: BAND 2/BAND 3	5.2010	7.7331	2.0339	2.2736	0.3740
FREQ OF MAX POWER	0.1667	0.1407	0.1771	0.2513	0.9312
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1354	0.0255	0.1562	0.0342	0.2596
FMP: BAND 3	0.2916	0.0756	0.3020	0.0830	0.8250
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.4809	0.1036	0.5297	0.1116	0.4507

--- = Unable to Perform Statistics

APPENDIX 35 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2943	0.1195	0.2639	0.1207	0.6706
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1436	0.0125	0.1540	0.0184	0.2840
PD: BAND 3	0.3698	0.0522	0.3661	0.0394	0.8935
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.3949	0.0644	0.4273	0.0900	0.4911
PD VARIABILITY	6.7 E-6	9.22E-6	1.38E-5	1.96E-5	0.4399
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	9.69E-6	1.85E-5	7.82E-6	1.15E-5	0.8389
PDV: BAND 3	3.41E-5	6.7 E-5	2.87E-5	3.15E-5	0.8609
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	16.780	25.800	3.6485	7.3770	0.2774

--- = Unable to Perform Statistics

APPENDIX 35 Continued

Null Hypothesis 16 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.9	10.5	95.3	12.1	0.3470
HR VARIABILITY	1.34	0.839	2.54	1.34	0.0921
R-AMPLITUDE (RA)	0.940	0.401	0.875	0.450	0.7966
RA VARIABILITY	1.90	1.36	1.64	0.787	0.6862
TOTAL POWER (TP)	0.0446	0.0279	0.0844	0.0444	0.0921
TP: BAND 1	0.0096	0.0053	0.0354	0.0240	0.0468
TP: BAND 2	0.0130	0.0109	0.0213	0.0159	0.3216
TP: BAND 3	0.0165	0.0200	0.0169	0.0116	0.9704
TP: BAND 1/BAND 2	1.1922	0.7193	4.4850	6.9023	0.2967
TP: BAND 1/BAND 3	3.6377	6.4868	3.4449	2.8143	0.9481
TP: BAND 2/BAND 3	2.5477	3.2247	1.9741	1.8590	0.7137
FREQ OF MAX POWER	0.1510	0.1670	0.0573	0.0638	0.2280
FMP: BAND 1	0.0416	0.0161	0.0364	0.0127	0.5490
FMP: BAND 2	0.1354	0.0426	0.1510	0.0415	0.5350
FMP: BAND 3	0.2916	0.0981	0.2812	0.1045	0.8624
FMP: BAND 1/BAND 2	0.3472	0.2001	0.2500	0.0745	0.3053
FMP: BAND 1/BAND 3	0.1563	0.0777	0.1453	0.0759	0.8086
FMP: BAND 2/BAND 3	0.4714	0.0898	0.5796	0.2262	0.3017

--- = Unable to Perform Statistics

APPENDIX 35 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2496	0.1068	0.1941	0.0896	0.3526
PD: BAND 1	0.0407	0.0104	0.0408	0.0074	0.9979
PD: BAND 2	0.1340	0.0224	0.1398	0.0168	0.6224
PD: BAND 3	0.3422	0.0470	0.3428	0.0343	0.9808
PD: BAND 1/BAND 2	0.3141	0.1050	0.2948	0.0596	0.7039
PD: BAND 1/BAND 3	0.1220	0.0392	0.1193	0.0191	0.8817
PD: BAND 2/BAND 3	0.3938	0.0615	0.4080	0.0278	0.6193
PD VARIABILITY	1.55E-5	3.39E-5	7.67E-6	9.43E-6	0.6028
PDV: BAND 1	6.3 E-7	5.1 E-7	2.23E-6	3.36E-6	0.3011
PDV: BAND 2	1.19E-5	2.57E-5	2.34E-5	4.2 E-5	0.5817
PDV: BAND 3	1.53E-4	3.66E-4	2.14E-5	2.54E-5	0.4175
PDV: BAND 1/BAND 2	1.1712	1.4301	0.8858	1.8134	0.7683
PDV: BAND 1/BAND 3	7.5155	17.388	0.9623	1.9209	0.4001
PDV: BAND 2/BAND 3	7.3293	10.537	7.5542	16.204	0.9778

--- = Unable to Perform Statistics

APPENDIX 35 Continued

Null Hypothesis 16 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.9	11.2	94.3	11.1	0.4184
HR VARIABILITY	1.50	1.01	2.51	1.11	0.1305
R-AMPLITUDE (RA)	0.944	0.404	0.872	0.436	0.7749
RA VARIABILITY	1.75	0.970	2.56	1.99	0.3908
TOTAL POWER (TP)	0.0499	0.0337	0.0836	0.0371	0.1305
TP: BAND 1	0.0092	0.0077	0.0416	0.0137	0.0005
TP: BAND 2	0.0118	0.0079	0.0173	0.0115	0.3566
TP: BAND 3	0.0206	0.0238	0.0167	0.0166	0.7495
TP: BAND 1/BAND 2	1.1571	0.9510	3.9398	3.1125	0.0818
TP: BAND 1/BAND 3	1.8820	2.1863	5.8965	6.3180	0.1905
TP: BAND 2/BAND 3	1.7389	2.0745	1.8817	1.7570	0.9002
FREQ OF MAX POWER	0.1693	0.1772	0.0182	0.0064	0.0911
FMP: BAND 1	0.0364	0.0127	0.0182	0.0063	0.0107
FMP: BAND 2	0.1119	0.0478	0.1302	0.0500	0.5335
FMP: BAND 3	0.2682	0.1014	0.2447	0.0667	0.6466
FMP: BAND 1/BAND 2	0.3527	0.1507	0.1701	0.1208	0.0430
FMP: BAND 1/BAND 3	0.1477	0.0659	0.0797	0.0385	0.0541
FMP: BAND 2/BAND 3	0.4504	0.1991	0.5383	0.2052	0.4692

--- = Unable to Perform Statistics

APPENDIX 35 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2476	0.1147	0.1533	0.0738	0.1212
PD: BAND 1	0.0334	0.0073	0.0260	0.0033	0.0506
PD: BAND 2	0.1243	0.0175	0.1316	0.0119	0.4227
PD: BAND 3	0.3182	0.0415	0.3195	0.0375	0.9566
PD: BAND 1/BAND 2	0.2712	0.0673	0.2008	0.0410	0.0537
PD: BAND 1/BAND 3	0.1070	0.0309	0.0827	0.0159	0.1186
PD: BAND 2/BAND 3	0.3930	0.0495	0.4147	0.0435	0.4402
PD VARIABILITY	3.66E-6	6.57E-6	2.51E-6	3.22E-6	0.7096
PDV: BAND 1	6.5 E-7	9.1 E-7	2.12E-6	2.58E-6	0.2362
PDV: BAND 2	2.51E-6	4 E-6	6.15E-6	7.55E-6	0.3206
PDV: BAND 3	1.77E-5	3.53E-5	7.8 E-6	1.28E-5	0.5416
PDV: BAND 1/BAND 2	0.6824	0.5659	1.5245	1.6618	0.2836
PDV: BAND 1/BAND 3	3.8336	6.3076	3.2788	6.5304	0.8840
PDV: BAND 2/BAND 3	4.1423	6.7396	2.7086	3.8381	0.6604

--- = Unable to Perform Statistics

APPENDIX 35 Continued

Null Hypothesis 16 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	90.0	11.5	91.8	12.0	0.7977
HR VARIABILITY	1.75	0.777	2.27	1.08	0.3653
R-AMPLITUDE (RA)	0.940	0.404	0.896	0.427	0.8564
RA VARIABILITY	3.35	2.60	2.74	1.61	0.6355
TOTAL POWER (TP)	0.0584	0.0259	0.0756	0.0361	0.3653
TP: BAND 1	0.0146	0.0109	0.0364	0.0211	0.0486
TP: BAND 2	0.0140	0.0087	0.0154	0.0073	0.7661
TP: BAND 3	0.0212	0.0222	0.0172	0.0169	0.7330
TP: BAND 1/BAND 2	1.5389	1.7715	2.5933	1.1430	0.2483
TP: BAND 1/BAND 3	5.2433	10.798	4.9317	5.5457	0.9511
TP: BAND 2/BAND 3	1.7276	1.8980	1.8870	1.9097	0.8876
FREQ OF MAX POWER	0.1576	0.1751	0.0143	0.0059	0.1015
FMP: BAND 1	0.0208	0.0080	0.0143	0.0058	0.1413
FMP: BAND 2	0.1223	0.0465	0.1367	0.0457	0.6026
FMP: BAND 3	0.2682	0.0865	0.2421	0.0623	0.5630
FMP: BAND 1/BAND 2	0.1998	0.1199	0.1146	0.0600	0.1506
FMP: BAND 1/BAND 3	0.0786	0.0271	0.0619	0.0321	0.3514
FMP: BAND 2/BAND 3	0.5010	0.2386	0.5633	0.1388	0.5926

--- = Unable to Perform Statistics

APPENDIX 35 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2341	0.1259	0.1567	0.0670	0.2130
PD: BAND 1	0.0294	0.0063	0.0219	0.0048	0.0439
PD: BAND 2	0.1288	0.0141	0.1315	0.0102	0.7133
PD: BAND 3	0.3083	0.0529	0.3025	0.0319	0.8233
PD: BAND 1/BAND 2	0.2321	0.0594	0.1696	0.0494	0.0757
PD: BAND 1/BAND 3	0.0970	0.0247	0.0742	0.0225	0.1265
PD: BAND 2/BAND 3	0.4246	0.0622	0.4360	0.0226	0.6889
PD VARIABILITY	2.57E-6	4.73E-6	1.18E-6	1.37E-6	0.5173
PDV: BAND 1	2.9 E-7	3.6 E-7	9.1 E-7	9.4 E-7	0.1627
PDV: BAND 2	3.17E-6	5.08E-6	2.31E-6	2.03E-6	0.7083
PDV: BAND 3	1.64E-5	3.49E-5	5.67E-6	8.51E-6	0.4942
PDV: BAND 1/BAND 2	0.5342	0.9956	0.5121	0.5489	0.9628
PDV: BAND 1/BAND 3	8.0197	19.311	4.5051	9.5411	0.6978
PDV: BAND 2/BAND 3	4.6881	7.1167	4.0057	5.5854	0.8571

--- = Unable to Perform Statistics

APPENDIX 36

Null Hypothesis 17 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.7	10.3	81.9	6.53	0.2000
HR VARIABILITY	0.928	0.871	1.91	1.81	0.2577
R-AMPLITUDE (RA)	0.939	0.420	0.904	0.531	0.9021
RA VARIABILITY	1.60	1.37	0.646	0.528	0.1431
TOTAL POWER (TP)	0.0304	0.0286	0.0627	0.0593	0.2577
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0098	0.0137	0.0123	0.0138	0.7648
TP: BAND 3	0.0153	0.0189	0.0429	0.0425	0.1757
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.4411	1.8701	0.4050	0.3581	0.2368
FREQ OF MAX POWER	0.2708	0.1840	0.3125	0.1311	0.6611
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1290	0.3333	0.1020	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 36 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3884	0.1059	0.3583	0.0597	0.5579
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3552	0.0704	0.3555	0.0581	0.9941
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	2.15E-5	4.43E-5	4.89E-5	5.16E-5	0.3473
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1.23E-4	2.95E-4	2.29E-4	2.66E-4	0.5289
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 36 Continued

Null Hypothesis 17 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	90.6	11.2	82.9	5.92	0.1665
HR VARIABILITY	1.17	0.738	1.70	1.34	0.4155
R-AMPLITUDE (RA)	0.937	0.420	0.918	0.537	0.9484
RA VARIABILITY	1.93	1.86	1.11	1.03	0.3719
TOTAL POWER (TP)	0.0386	0.0244	0.0561	0.0443	0.4155
TP: BAND 1	0.0075	0.0056	0.0077	0.0057	0.9632
TP: BAND 2	0.0144	0.0154	0.0152	0.0169	0.9363
TP: BAND 3	0.0117	0.0126	0.0287	0.0263	0.1824
TP: BAND 1/BAND 2	0.7952	0.5330	0.6689	0.6287	0.7154
TP: BAND 1/BAND 3	4.0882	7.6748	0.4723	0.4882	0.3012
TP: BAND 2/BAND 3	5.2010	7.7331	1.3575	1.7578	0.2841
FREQ OF MAX POWER	0.1667	0.1407	0.2188	0.0948	0.4693
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1354	0.0255	0.1562	0.0342	0.2596
FMP: BAND 3	0.2916	0.0756	0.2812	0.0522	0.7872
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.4809	0.1036	0.5583	0.1020	0.2218

--- = Unable to Perform Statistics

APPENDIX 36 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2943	0.1195	0.2841	0.0433	0.8508
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1436	0.0125	0.1542	0.0254	0.3810
PD: BAND 3	0.3698	0.0522	0.3543	0.0397	0.5773
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.3949	0.0644	0.4406	0.0897	0.3352
PD VARIABILITY	6.7 E-6	9.22E-6	1.39E-5	1.31E-5	0.2950
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	9.69E-6	1.85E-5	2.22E-5	4.13E-5	0.5133
PDV: BAND 3	3.41E-5	6.7 E-5	5.87E-5	7.16E-5	0.5537
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	16.780	25.800	4.2807	8.2844	0.3015

--- = Unable to Perform Statistics

APPENDIX 36 Continued

Null Hypothesis 17 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.9	10.5	82.0	6.86	0.2083
HR VARIABILITY	1.34	0.839	1.47	0.991	0.8104
R-AMPLITUDE (RA)	0.940	0.401	0.928	0.545	0.9656
RA VARIABILITY	1.90	1.36	1.79	1.24	0.8878
TOTAL POWER (TP)	0.0446	0.0279	0.0489	0.0329	0.8104
TP: BAND 1	0.0096	0.0053	0.0070	0.0054	0.4128
TP: BAND 2	0.0130	0.0109	0.0115	0.0073	0.7729
TP: BAND 3	0.0165	0.0200	0.0232	0.0182	0.5630
TP: BAND 1/BAND 2	1.1922	0.7193	0.5816	0.3862	0.0969
TP: BAND 1/BAND 3	3.6377	6.4868	0.4148	0.3749	0.2783
TP: BAND 2/BAND 3	2.5477	3.2247	0.8934	0.8397	0.2724
FREQ OF MAX POWER	0.1510	0.1670	0.2031	0.1230	0.5523
FMP: BAND 1	0.0416	0.0161	0.0364	0.0127	0.5490
FMP: BAND 2	0.1354	0.0426	0.1666	0.0255	0.1548
FMP: BAND 3	0.2916	0.0981	0.3489	0.0914	0.3202
FMP: BAND 1/BAND 2	0.3472	0.2001	0.2250	0.0917	0.2037
FMP: BAND 1/BAND 3	0.1563	0.0777	0.1055	0.0233	0.1769
FMP: BAND 2/BAND 3	0.4714	0.0898	0.5059	0.1493	0.6378

--- = Unable to Perform Statistics

APPENDIX 36 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2496	0.1068	0.2858	0.0648	0.4945
PD: BAND 1	0.0407	0.0104	0.0418	0.0056	0.8286
PD: BAND 2	0.1340	0.0224	0.1507	0.0108	0.1317
PD: BAND 3	0.3422	0.0470	0.3238	0.0335	0.4534
PD: BAND 1/BAND 2	0.3141	0.1050	0.2791	0.0446	0.4704
PD: BAND 1/BAND 3	0.1220	0.0392	0.1293	0.0116	0.6784
PD: BAND 2/BAND 3	0.3938	0.0615	0.4697	0.0586	0.0536
PD VARIABILITY	1.55E-5	3.39E-5	6.46E-6	5.39E-7	0.5431
PDV: BAND 1	6.3 E-7	5.1 E-7	1 E-7	1.3 E-7	0.0488
PDV: BAND 2	1.19E-5	2.57E-5	4.56E-6	6.05E-6	0.5183
PDV: BAND 3	1.53E-4	3.66E-4	3.76E-5	5.02E-5	0.4755
PDV: BAND 1/BAND 2	1.1712	1.4301	0.0164	0.0102	0.1049
PDV: BAND 1/BAND 3	7.5155	17.388	0.0202	0.0398	0.3394
PDV: BAND 2/BAND 3	7.3293	10.537	1.2500	1.9926	0.2203

--- = Unable to Perform Statistics

APPENDIX 36 Continued

Null Hypothesis 17 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.9	11.2	84.0	8.02	0.4105
HR VARIABILITY	1.50	1.01	1.80	0.827	0.5866
R-AMPLITUDE (RA)	0.944	0.404	0.927	0.517	0.9512
RA VARIABILITY	1.75	0.970	2.15	0.802	0.4502
TOTAL POWER (TP)	0.0500	0.0337	0.0599	0.0275	0.5866
TP: BAND 1	0.0092	0.0077	0.0171	0.0221	0.4375
TP: BAND 2	0.0118	0.0079	0.0110	0.0072	0.8477
TP: BAND 3	0.0206	0.0238	0.0249	0.0208	0.7451
TP: BAND 1/BAND 2	1.1571	0.9510	1.3919	1.3664	0.7369
TP: BAND 1/BAND 3	1.8821	2.1863	6.4548	15.061	0.4937
TP: BAND 2/BAND 3	1.7389	2.0745	1.9649	3.7722	0.9002
FREQ OF MAX POWER	0.1693	0.1772	0.2240	0.1877	0.6150
FMP: BAND 1	0.0364	0.0127	0.0312	0.0197	0.5995
FMP: BAND 2	0.1119	0.0478	0.1328	0.0308	0.3910
FMP: BAND 3	0.2682	0.1014	0.2421	0.0471	0.5811
FMP: BAND 1/BAND 2	0.3527	0.1507	0.2430	0.1545	0.2416
FMP: BAND 1/BAND 3	0.1477	0.0659	0.1297	0.0847	0.6897
FMP: BAND 2/BAND 3	0.4504	0.1991	0.5535	0.1085	0.2917

--- = Unable to Perform Statistics

APPENDIX 36 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2476	0.1147	0.2513	0.1006	0.9540
PD: BAND 1	0.0334	0.0073	0.0348	0.0086	0.7648
PD: BAND 2	0.1243	0.0175	0.1318	0.0156	0.4549
PD: BAND 3	0.3182	0.0415	0.3084	0.0240	0.6273
PD: BAND 1/BAND 2	0.2712	0.0673	0.2670	0.0714	0.9183
PD: BAND 1/BAND 3	0.1070	0.0309	0.1127	0.0262	0.7373
PD: BAND 2/BAND 3	0.3930	0.0495	0.4288	0.0521	0.2517
PD VARIABILITY	3.66E-6	6.57E-6	3.44E-6	3.02E-6	0.9432
PDV: BAND 1	6.5 E-7	9.1 E-7	8.8 E-7	1.28E-6	0.7278
PDV: BAND 2	2.51E-6	4 E-6	1.54E-6	1.5 E-6	0.5903
PDV: BAND 3	1.77E-5	3.53E-5	1.93E-5	2.59E-5	0.9304
PDV: BAND 1/BAND 2	0.6824	0.5659	0.5653	0.5750	0.7296
PDV: BAND 1/BAND 3	3.8336	6.3076	10.385	25.290	0.5623
PDV: BAND 2/BAND 3	4.1423	6.7396	7.7374	17.904	0.6551

--- = Unable to Perform Statistics

APPENDIX 36 Continued

Null Hypothesis 17 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	90.0	11.5	85.9	9.70	0.5223
HR VARIABILITY	1.75	0.777	1.76	0.805	0.9904
R-AMPLITUDE (RA)	0.940	0.404	0.927	0.481	0.9604
RA VARIABILITY	3.35	2.60	2.73	1.30	0.6118
TOTAL POWER (TP)	0.0584	0.0259	0.0586	0.0268	0.9903
TP: BAND 1	0.0146	0.0109	0.0191	0.0218	0.6604
TP: BAND 2	0.0140	0.0087	0.0122	0.0072	0.7101
TP: BAND 3	0.0212	0.0222	0.0214	0.0173	0.9866
TP: BAND 1/BAND 2	1.5382	1.7715	1.2545	1.1750	0.7505
TP: BAND 1/BAND 3	5.2433	10.798	5.5294	11.922	0.9661
TP: BAND 2/BAND 3	1.7276	1.8980	1.9852	3.4377	0.8756
FREQ OF MAX POWER	0.1576	0.1750	0.1589	0.1231	0.9884
FMP: BAND 1	0.0208	0.0080	0.0143	0.0058	0.1413
FMP: BAND 2	0.1223	0.0465	0.1263	0.0492	0.8905
FMP: BAND 3	0.2682	0.0865	0.2317	0.0493	0.3910
FMP: BAND 1/BAND 2	0.1998	0.1199	0.1330	0.0881	0.2972
FMP: BAND 1/BAND 3	0.0786	0.0271	0.0619	0.0212	0.2617
FMP: BAND 2/BAND 3	0.5010	0.2386	0.5652	0.2366	0.6501

--- = Unable to Perform Statistics

APPENDIX 36 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2341	0.1259	0.2330	0.1060	0.9869
PD: BAND 1	0.0294	0.0063	0.0271	0.0050	0.5149
PD: BAND 2	0.1288	0.0141	0.1310	0.0158	0.8060
PD: BAND 3	0.3083	0.0529	0.3069	0.0259	0.9549
PD: BAND 1/BAND 2	0.2321	0.0594	0.2109	0.0506	0.5198
PD: BAND 1/BAND 3	0.0970	0.0247	0.0884	0.0144	0.4812
PD: BAND 2/BAND 3	0.4246	0.0622	0.4299	0.0691	0.8912
PD VARIABILITY	2.57E-6	4.73E-6	1.31E-6	1.29E-6	0.5532
PDV: BAND 1	2.9 E-7	3.6 E-7	8.4 E-7	1.76E-6	0.4888
PDV: BAND 2	3.17E-6	5.08E-6	1.27E-6	1.53E-6	0.4156
PDV: BAND 3	1.64E-5	3.49E-5	7.99E-6	1.12E-5	0.5943
PDV: BAND 1/BAND 2	0.5342	0.9956	0.9448	2.0563	0.6692
PDV: BAND 1/BAND 3	8.0197	19.311	18.997	46.337	0.6039
PDV: BAND 2/BAND 3	4.6881	7.1167	4.3802	8.7228	0.9479

--- = Unable to Perform Statistics

APPENDIX 37

Null Hypothesis 18 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	81.9	6.53	82.1	11.3	0.9589
HR VARIABILITY	1.91	1.81	1.22	0.821	0.4126
R-AMPLITUDE (RA)	0.904	0.531	0.927	0.548	0.9420
RA VARIABILITY	0.646	0.528	0.925	1.24	0.6235
TOTAL POWER (TP)	0.0627	0.0593	0.0400	0.0269	0.4127
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0123	0.0138	0.0083	0.0072	0.5435
TP: BAND 3	0.0429	0.0425	0.0263	0.0211	0.4115
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	0.405	0.358	0.622	0.580	0.4537
FREQ OF MAX POWER	0.3125	0.1311	0.2500	0.1118	0.3951
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1020	0.2916	0.0645	0.4178
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 37 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3583	0.0597	0.3743	0.0202	0.5582
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3555	0.0581	0.3489	0.0473	0.8354
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	4.89E-5	5.16E-5	1.43E-5	1.61E-5	0.1688
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	2.29E-4	2.66E-4	4.1 E-5	5.65E-5	0.1474
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 37 Continued

Null Hypothesis 18 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	82.9	5.92	84.1	10.6	0.8073
HR VARIABILITY	1.70	1.34	1.90	1.20	0.7840
R-AMPLITUDE (RA)	0.918	0.537	0.961	0.539	0.8937
RA VARIABILITY	1.11	1.03	3.32	3.54	0.1952
TOTAL POWER (TP)	0.0561	0.0443	0.0629	0.0395	0.7840
TP: BAND 1	0.0077	0.0057	0.0153	0.0124	0.2020
TP: BAND 2	0.0152	0.0169	0.0122	0.0112	0.7267
TP: BAND 3	0.0287	0.0263	0.0274	0.0220	0.9252
TP: BAND 1/BAND 2	0.669	0.629	1.36	1.07	0.2004
TP: BAND 1/BAND 3	0.472	0.488	4.53	9.55	0.3462
TP: BAND 2/BAND 3	1.36	1.76	1.69	2.83	0.8115
FREQ OF MAX POWER	0.2188	0.0948	0.1771	0.1393	0.5582
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1666	0.0322	0.5995
FMP: BAND 3	0.2812	0.0522	0.2812	0.0522	1.0000
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5583	0.1020	0.6138	0.1717	0.5112

--- = Unable to Perform Statistics

APPENDIX 37 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2841	0.0433	0.2673	0.0947	0.7018
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1542	0.0254	0.1606	0.0117	0.5930
PD: BAND 3	0.3543	0.0397	0.3299	0.0274	0.2444
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4406	0.0897	0.4917	0.0743	0.3084
PD VARIABILITY	1.39E-5	1.31E-5	1.36E-5	1.51E-5	0.9721
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	2.22E-5	4.13E-5	2.32E-6	2.45E-6	0.2916
PDV: BAND 3	5.87E-5	7.16E-5	5 E-5	5.7 E-5	0.8211
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	4.2807	8.2844	2.0051	3.6473	0.5518

--- = Unable to Perform Statistics

APPENDIX 37 Continued

Null Hypothesis 18 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	82.1	6.86	84.3	11.7	0.6911
HR VARIABILITY	1.47	0.991	2.04	1.76	0.5085
R-AMPLITUDE (RA)	0.928	0.545	0.964	0.512	0.9070
RA VARIABILITY	1.79	1.24	3.50	3.07	0.2352
TOTAL POWER (TP)	0.0489	0.0329	0.0676	0.0583	0.5085
TP: BAND 1	0.0070	0.0054	0.0129	0.0121	0.2994
TP: BAND 2	0.0115	0.0073	0.0169	0.0210	0.5694
TP: BAND 3	0.0232	0.0182	0.0309	0.0295	0.5952
TP: BAND 1/BAND 2	0.582	0.386	0.995	0.831	0.2948
TP: BAND 1/BAND 3	0.415	0.375	1.62	2.34	0.2658
TP: BAND 2/BAND 3	0.893	0.840	1.11	1.07	0.6993
FREQ OF MAX POWER	0.2031	0.1230	0.1823	0.1176	0.7705
FMP: BAND 1	0.0364	0.0127	0.0572	0.0127	0.0179
FMP: BAND 2	0.1666	0.0255	0.1406	0.0513	0.2920
FMP: BAND 3	0.3489	0.0914	0.2708	0.0703	0.1282
FMP: BAND 1/BAND 2	0.2250	0.0917	0.4444	0.1721	0.0203
FMP: BAND 1/BAND 3	0.1055	0.0233	0.2187	0.0628	0.0055
FMP: BAND 2/BAND 3	0.5059	0.1493	0.5395	0.2202	0.7640

--- = Unable to Perform Statistics

APPENDIX 37 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2858	0.0648	0.2544	0.0981	0.5273
PD: BAND 1	0.0418	0.0056	0.0526	0.0087	0.0293
PD: BAND 2	0.1507	0.0108	0.1378	0.0244	0.2625
PD: BAND 3	0.3238	0.0335	0.3095	0.0327	0.4729
PD: BAND 1/BAND 2	0.2791	0.0446	0.3915	0.0936	0.0242
PD: BAND 1/BAND 3	0.1293	0.0116	0.1701	0.0221	0.0025
PD: BAND 2/BAND 3	0.4697	0.0586	0.4457	0.0689	0.5304
PD VARIABILITY	6.46E-6	5.39E-6	1.65E-5	2.24E-5	0.3277
PDV: BAND 1	1 E-7	1.3 E-7	3.79E-6	7.97E-6	0.3075
PDV: BAND 2	4.56E-6	6.05E-6	3.45E-5	7.88E-5	0.3952
PDV: BAND 3	3.76E-5	5.02E-5	1.25E-4	1.76E-4	0.2869
PDV: BAND 1/BAND 2	0.0164	0.0102	0.8578	1.0581	0.1090
PDV: BAND 1/BAND 3	0.0202	0.0398	0.7775	1.5753	0.2920
PDV: BAND 2/BAND 3	1.2500	1.9926	1.3592	2.4886	0.9348

--- = Unable to Perform Statistics

APPENDIX 37 Continued

Null Hypothesis 18 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	84.0	8.02	84.6	10.3	0.9234
HR VARIABILITY	1.80	0.827	2.08	1.56	0.7014
R-AMPLITUDE (RA)	0.927	0.517	0.951	0.472	0.9342
RA VARIABILITY	2.15	0.802	5.00	3.78	0.1264
TOTAL POWER (TP)	0.0599	0.0275	0.0693	0.0519	0.7014
TP: BAND 1	0.0171	0.0221	0.0171	0.0173	0.9954
TP: BAND 2	0.0110	0.0072	0.0169	0.0182	0.4748
TP: BAND 3	0.0249	0.0208	0.0283	0.0229	0.7941
TP: BAND 1/BAND 2	1.39	1.37	1.29	1.32	0.9018
TP: BAND 1/BAND 3	6.45	15.1	1.71	2.33	0.4785
TP: BAND 2/BAND 3	1.96	3.77	1.43	2.11	0.7686
FREQ OF MAX POWER	0.2240	0.1877	0.1615	0.1256	0.5132
FMP: BAND 1	0.0312	0.0197	0.0390	0.0215	0.5275
FMP: BAND 2	0.1328	0.0308	0.1197	0.0351	0.5109
FMP: BAND 3	0.2421	0.0471	0.2526	0.0604	0.7461
FMP: BAND 1/BAND 2	0.2430	0.1545	0.3501	0.2183	0.3498
FMP: BAND 1/BAND 3	0.1297	0.0847	0.1490	0.0660	0.6696
FMP: BAND 2/BAND 3	0.5535	0.1085	0.4956	0.1818	0.5180

--- = Unable to Perform Statistics

APPENDIX 37 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2513	0.1006	0.2246	0.0830	0.6278
PD: BAND 1	0.0348	0.0086	0.0400	0.0085	0.3183
PD: BAND 2	0.1318	0.0156	0.1305	0.0132	0.8760
PD: BAND 3	0.3084	0.0240	0.3044	0.0294	0.8020
PD: BAND 1/BAND 2	0.2670	0.0714	0.3092	0.0742	0.3398
PD: BAND 1/BAND 3	0.1127	0.0262	0.1311	0.0231	0.2276
PD: BAND 2/BAND 3	0.4288	0.0521	0.4300	0.0411	0.9655
PD VARIABILITY	3.44E-6	3.02E-6	6.02E-6	7.43E-6	0.4493
PDV: BAND 1	8.8 E-7	1.28E-6	1.55E-6	2.33E-6	0.5508
PDV: BAND 2	1.54E-6	1.5 E-6	6.82E-6	1.11E-5	0.3000
PDV: BAND 3	1.93E-5	2.59E-5	4.26E-5	6.83E-5	0.4530
PDV: BAND 1/BAND 2	0.5653	0.5750	0.5128	0.6280	0.8829
PDV: BAND 1/BAND 3	10.385	25.290	13.489	32.771	0.8579
PDV: BAND 2/BAND 3	7.7374	17.904	8.3045	19.519	0.9592

--- = Unable to Perform Statistics

APPENDIX 37 Continued

Null Hypothesis 18 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	85.9	9.70	84.1	9.47	0.7550
HR VARIABILITY	1.76	0.805	1.86	1.41	0.8805
R-AMPLITUDE (RA)	0.927	0.481	0.917	0.449	0.9693
RA VARIABILITY	2.73	1.30	5.33	5.64	0.3174
TOTAL POWER (TP)	0.0586	0.0268	0.0620	0.0470	0.8806
TP: BAND 1	0.0191	0.0218	0.0143	0.0154	0.6695
TP: BAND 2	0.0122	0.0072	0.0123	0.0114	0.9834
TP: BAND 3	0.0214	0.0173	0.0282	0.0253	0.6016
TP: BAND 1/BAND 2	1.25	1.18	1.25	1.05	0.9991
TP: BAND 1/BAND 3	5.53	11.9	1.47	2.02	0.4466
TP: BAND 2/BAND 3	1.99	3.44	1.19	1.78	0.6242
FREQ OF MAX POWER	0.1589	0.1231	0.1667	0.1309	0.9173
FMP: BAND 1	0.0143	0.0058	0.0312	0.0130	0.0160
FMP: BAND 2	0.1263	0.0492	0.1419	0.0423	0.5688
FMP: BAND 3	0.2317	0.0493	0.2656	0.0810	0.4026
FMP: BAND 1/BAND 2	0.1330	0.0881	0.2604	0.1707	0.1355
FMP: BAND 1/BAND 3	0.0619	0.0212	0.1204	0.0572	0.0552
FMP: BAND 2/BAND 3	0.5652	0.2366	0.5897	0.2706	0.8708

--- = Unable to Perform Statistics

APPENDIX 37 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2330	0.1060	0.2431	0.0773	0.8534
PD: BAND 1	0.0271	0.0050	0.0379	0.0091	0.0305
PD: BAND 2	0.1310	0.0158	0.1314	0.0063	0.9519
PD: BAND 3	0.3069	0.0259	0.3155	0.0272	0.5883
PD: BAND 1/BAND 2	0.2109	0.0506	0.2905	0.0782	0.0628
PD: BAND 1/BAND 3	0.0884	0.0144	0.1202	0.0279	0.0334
PD: BAND 2/BAND 3	0.4299	0.0691	0.4189	0.0405	0.7435
PD VARIABILITY	1.31E-6	1.29E-6	3 E-6	3.9 E-6	0.3507
PDV: BAND 1	8.4 E-7	1.76E-6	4.7 E-7	4.8 E-7	0.6422
PDV: BAND 2	1.27E-6	1.53E-6	2.29E-6	4.34E-6	0.6072
PDV: BAND 3	7.99E-6	1.12E-5	2.11E-5	2.92E-5	0.3278
PDV: BAND 1/BAND 2	0.9448	2.0563	0.7238	0.7426	0.8124
PDV: BAND 1/BAND 3	18.997	46.337	5.1109	12.130	0.5059
PDV: BAND 2/BAND 3	4.3802	8.7228	4.1743	9.6650	0.9699

--- = Unable to Perform Statistics

APPENDIX 38

Null Hypothesis 19 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	81.9	6.53	84.6	6.07	0.4652
HR VARIABILITY	1.91	1.81	2.08	1.86	0.8734
R-AMPLITUDE (RA)	0.904	0.531	0.919	0.438	0.9590
RA VARIABILITY	0.646	0.528	2.56	3.15	0.1994
TOTAL POWER (TP)	0.0627	0.0593	0.0684	0.0609	0.8732
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0123	0.0138	0.0171	0.0203	0.6433
TP: BAND 3	0.0429	0.0425	0.0340	0.0385	0.7115
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	0.405	0.358	1.39	1.19	0.0998
FREQ OF MAX POWER	0.3125	0.1311	0.2083	0.1514	0.2314
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.1020	0.2916	0.1020	0.4956
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 38 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3583	0.0597	0.3513	0.1371	0.9101
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3555	0.0581	0.3456	0.0672	0.7908
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	4.89E-5	5.16E-5	1.25E-4	2.75E-4	0.5310
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	2.29E-4	2.66E-4	5.1 E-4	1.18E-3	0.5934
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 38 Continued

Null Hypothesis 19 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	82.9	5.92	83.8	7.32	0.8106
HR VARIABILITY	1.70	1.34	2.37	1.79	0.4773
R-AMPLITUDE (RA)	0.918	0.537	0.883	0.410	0.9014
RA VARIABILITY	1.11	1.03	2.95	3.12	0.2192
TOTAL POWER (TP)	0.0561	0.0443	0.0784	0.0593	0.4773
TP: BAND 1	0.0077	0.0057	0.0089	0.0122	0.8291
TP: BAND 2	0.0152	0.0169	0.0183	0.0227	0.7923
TP: BAND 3	0.0287	0.0263	0.0208	0.0192	0.5640
TP: BAND 1/BAND 2	0.669	0.629	0.790	0.720	0.7630
TP: BAND 1/BAND 3	0.472	0.488	0.529	0.366	0.8251
TP: BAND 2/BAND 3	1.35	1.76	1.34	1.20	0.9815
FREQ OF MAX POWER	0.2188	0.0948	0.2396	0.1913	0.8159
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1458	0.0322	0.5995
FMP: BAND 3	0.2812	0.0522	0.3125	0.1045	0.5275
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5583	0.1020	0.4930	0.1453	0.3891

--- = Unable to Perform Statistics

APPENDIX 38 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2841	0.0433	0.3287	0.1262	0.4437
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1542	0.0254	0.1464	0.0162	0.5386
PD: BAND 3	0.3543	0.0397	0.3575	0.0334	0.8856
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4406	0.0897	0.4093	0.0168	0.4369
PD VARIABILITY	1.39E-5	1.31E-5	2.56E-4	5.93E-4	0.3634
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	2.22E-5	4.13E-5	1.25E-5	2.7 E-5	0.6425
PDV: BAND 3	5.87E-5	7.16E-5	2.86E-5	3.98E-5	0.3896
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	4.2807	8.2844	4.9681	7.0137	0.8798

--- = Unable to Perform Statistics

APPENDIX 38 Continued

Null Hypothesis 19 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	82.0	6.86	81.9	7.26	0.9828
HR VARIABILITY	1.47	0.991	2.25	1.75	0.3628
R-AMPLITUDE (RA)	0.928	0.545	0.857	0.377	0.7978
RA VARIABILITY	1.79	1.24	3.22	3.43	0.3750
TOTAL POWER (TP)	0.0489	0.0329	0.0749	0.0580	0.3628
TP: BAND 1	0.0070	0.0054	0.0094	0.0087	0.5764
TP: BAND 2	0.0115	0.0073	0.0196	0.0191	0.3497
TP: BAND 3	0.0232	0.0182	0.0242	0.0177	0.9209
TP: BAND 1/BAND 2	0.582	0.386	0.473	0.203	0.5558
TP: BAND 1/BAND 3	0.415	0.375	0.401	0.181	0.9380
TP: BAND 2/BAND 3	0.893	0.840	1.01	0.678	0.7906
FREQ OF MAX POWER	0.2031	0.1230	0.2188	0.1986	0.8731
FMP: BAND 1	0.0364	0.0127	0.0416	0.0161	0.5490
FMP: BAND 2	0.1666	0.0255	0.1250	0.0279	0.0224
FMP: BAND 3	0.3489	0.0914	0.2968	0.1095	0.3925
FMP: BAND 1/BAND 2	0.2250	0.0917	0.3500	0.1706	0.1451
FMP: BAND 1/BAND 3	0.1055	0.0233	0.1404	0.0220	0.0238
FMP: BAND 2/BAND 3	0.5059	0.1493	0.4611	0.1526	0.6185

--- = Unable to Perform Statistics

APPENDIX 38 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2858	0.0648	0.2959	0.1187	0.8578
PD: BAND 1	0.0418	0.0056	0.0442	0.0101	0.6243
PD: BAND 2	0.1507	0.0108	0.1343	0.0100	0.0220
PD: BAND 3	0.3238	0.0335	0.3325	0.0565	0.7507
PD: BAND 1/BAND 2	0.2791	0.0446	0.3290	0.0678	0.1635
PD: BAND 1/BAND 3	0.1293	0.0116	0.1339	0.0287	0.7222
PD: BAND 2/BAND 3	0.4697	0.0586	0.4134	0.0740	0.1746
PD VARIABILITY	6.46E-6	5.39E-6	3.54E-5	7.05E-5	0.3620
PDV: BAND 1	1 E-7	1.3 E-7	1.04E-6	1.28E-7	0.1336
PDV: BAND 2	4.56E-6	6.05E-6	8.36E-6	1.38E-5	0.5514
PDV: BAND 3	3.76E-5	5.02E-5	4.82E-5	4.59E-5	0.7110
PDV: BAND 1/BAND 2	0.0164	0.0102	0.2291	0.3095	0.1534
PDV: BAND 1/BAND 3	0.0202	0.0398	0.0290	0.0494	0.7385
PDV: BAND 2/BAND 3	1.2500	1.9926	2.2250	4.1253	0.6135

--- = Unable to Perform Statistics

APPENDIX 38 Continued

Null Hypothesis 19 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	84.0	8.02	81.1	7.64	0.5323
HR VARIABILITY	1.80	0.827	2.16	1.62	0.6323
R-AMPLITUDE (RA)	0.927	0.517	0.855	0.378	0.7886
RA VARIABILITY	2.15	0.803	2.58	1.92	0.6219
TOTAL POWER (TP)	0.0599	0.0275	0.0720	0.0538	0.6324
TP: BAND 1	0.0171	0.0221	0.0094	0.0066	0.4452
TP: BAND 2	0.0110	0.0072	0.0188	0.0154	0.2813
TP: BAND 3	0.0249	0.0208	0.0206	0.0206	0.8967
TP: BAND 1/BAND 2	1.39	1.37	0.647	0.562	0.2448
TP: BAND 1/BAND 3	6.45	15.1	0.912	1.47	0.4101
TP: BAND 2/BAND 3	1.96	3.77	0.957	0.688	0.5465
FREQ OF MAX POWER	0.2240	0.1877	0.1927	0.2146	0.7938
FMP: BAND 1	0.0312	0.0197	0.0338	0.0182	0.8174
FMP: BAND 2	0.1328	0.0308	0.1432	0.0333	0.5870
FMP: BAND 3	0.2421	0.0471	0.3177	0.1172	0.1738
FMP: BAND 1/BAND 2	0.2430	0.1545	0.2443	0.1313	0.9881
FMP: BAND 1/BAND 3	0.1297	0.0847	0.1107	0.0689	0.6782
FMP: BAND 2/BAND 3	0.5535	0.1085	0.4996	0.1959	0.5688

--- = Unable to Perform Statistics

APPENDIX 38 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2513	0.1006	0.2742	0.1095	0.7132
PD: BAND 1	0.0348	0.0086	0.0319	0.0078	0.5551
PD: BAND 2	0.1318	0.0156	0.1339	0.0104	0.7893
PD: BAND 3	0.3084	0.0240	0.3224	0.0369	0.4544
PD: BAND 1/BAND 2	0.2670	0.0714	0.2396	0.0582	0.4835
PD: BAND 1/BAND 3	0.1127	0.0262	0.0979	0.0160	0.2674
PD: BAND 2/BAND 3	0.4288	0.0521	0.4202	0.0631	0.8033
PD VARIABILITY	3.44E-6	3.02E-6	1.12E-5	1.9 E-5	0.3638
PDV: BAND 1	8.8 E-7	1.28E-6	1.7 E-7	1.9 E-7	0.2343
PDV: BAND 2	1.54E-6	1.5 E-6	6.81E-6	8.2 E-6	0.1793
PDV: BAND 3	1.93E-5	2.59E-5	1.99E-5	2.02E-5	0.9640
PDV: BAND 1/BAND 2	0.5653	0.5750	0.0405	0.0495	0.0758
PDV: BAND 1/BAND 3	10.385	25.290	0.0958	0.2006	0.3647
PDV: BAND 2/BAND 3	7.7374	17.904	1.1398	1.2922	0.4089

--- = Unable to Perform Statistics

APPENDIX 38 Continued

Null Hypothesis 19 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	85.9	9.70	81.5	8.29	0.4205
HR VARIABILITY	1.76	0.805	1.95	1.44	0.7789
R-AMPLITUDE (RA)	0.927	0.481	0.910	0.415	0.9483
RA VARIABILITY	2.73	1.30	5.06	6.74	0.4417
TOTAL POWER (TP)	0.0586	0.0268	0.0650	0.0478	0.7789
TP: BAND 1	0.0191	0.0218	0.0083	0.0039	0.2819
TP: BAND 2	0.0122	0.0072	0.0165	0.0109	0.4409
TP: BAND 3	0.0214	0.0173	0.0246	0.0209	0.7804
TP: BAND 1/BAND 2	1.25	1.18	0.787	0.657	0.4145
TP: BAND 1/BAND 3	5.53	11.9	1.20	1.72	0.4181
TP: BAND 2/BAND 3	1.99	3.44	1.32	1.60	0.6772
FREQ OF MAX POWER	0.1589	0.1231	0.1628	0.1543	0.9623
FMP: BAND 1	0.0143	0.0058	0.0299	0.0194	0.1088
FMP: BAND 2	0.1263	0.0492	0.1341	0.0414	0.7724
FMP: BAND 3	0.2317	0.0493	0.2890	0.0994	0.2348
FMP: BAND 1/BAND 2	0.1330	0.0881	0.2343	0.1401	0.1649
FMP: BAND 1/BAND 3	0.0619	0.0212	0.0959	0.0439	0.1193
FMP: BAND 2/BAND 3	0.5652	0.2366	0.5055	0.2149	0.6570

--- = Unable to Perform Statistics

APPENDIX 38 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2330	0.1060	0.2560	0.1126	0.7228
PD: BAND 1	0.0271	0.0050	0.0286	0.0085	0.7162
PD: BAND 2	0.1310	0.0158	0.1322	0.0109	0.8816
PD: BAND 3	0.3069	0.0259	0.3214	0.0341	0.4277
PD: BAND 1/BAND 2	0.2109	0.0506	0.2185	0.0657	0.8256
PD: BAND 1/BAND 3	0.0884	0.0144	0.0886	0.0217	0.9890
PD: BAND 2/BAND 3	0.4299	0.0691	0.4144	0.0515	0.6693
PD VARIABILITY	1.31E-6	1.29E-6	6.4 E-6	1.18E-5	0.3412
PDV: BAND 1	8.4 E-7	1.76E-6	1.2 E-7	9 E-8	0.3610
PDV: BAND 2	1.27E-6	1.53E-6	3.26E-6	3.22E-6	0.2015
PDV: BAND 3	7.99E-6	1.12E-5	1.99E-5	3.1 E-5	0.4078
PDV: BAND 1/BAND 2	0.9448	2.0563	0.0591	0.0389	0.3397
PDV: BAND 1/BAND 3	18.997	46.337	0.2092	0.3873	0.3662
PDV: BAND 2/BAND 3	4.3802	8.7228	4.1283	7.2753	0.9578

--- = Unable to Perform Statistics

APPENDIX 39

Null Hypothesis 20 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	84.6	6.07	68.6	9.73	0.0066
HR VARIABILITY	2.08	1.86	3.14	1.76	0.3349
R-AMPLITUDE (RA)	0.919	0.438	0.916	0.368	0.9924
RA VARIABILITY	2.56	3.15	1.80	1.72	0.6131
TOTAL POWER (TP)	0.0684	0.0609	0.103	0.0577	0.3350
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0171	0.0203	0.0223	0.0238	0.6932
TP: BAND 3	0.0340	0.0385	0.0695	0.0617	0.2596
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.39	1.19	0.986	1.34	0.5905
FREQ OF MAX POWER	0.2083	0.1514	0.2500	0.1581	0.6510
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2916	0.1020	0.3125	0.1045	0.7342
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 39 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3513	0.1371	0.3410	0.1006	0.8850
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3456	0.0672	0.3687	0.0718	0.5774
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	1.25E-4	2.75E-4	2.55E-4	4.55E-4	0.5639
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	5.1 E-4	1.18E-3	1.67E-3	3.2 E-3	0.4339
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 39 Continued

Null Hypothesis 20 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.8	7.32	69.0	8.01	0.0075
HR VARIABILITY	2.37	1.79	3.84	2.83	0.3090
R-AMPLITUDE (RA)	0.883	0.410	0.945	0.381	0.7927
RA VARIABILITY	2.95	3.12	3.27	2.86	0.8564
TOTAL POWER (TP)	0.0784	0.0593	0.127	0.0935	0.3090
TP: BAND 1	0.0089	0.0122	0.0196	0.0234	0.3449
TP: BAND 2	0.0183	0.0227	0.0200	0.0146	0.8806
TP: BAND 3	0.0208	0.0192	0.0517	0.0442	0.1473
TP: BAND 1/BAND 2	0.790	0.720	1.03	0.863	0.6146
TP: BAND 1/BAND 3	0.529	0.366	0.573	0.639	0.8850
TP: BAND 2/BAND 3	1.34	1.20	0.470	0.287	0.1396
FREQ OF MAX POWER	0.2396	0.1913	0.2500	0.1936	0.9272
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1458	0.0322	0.1562	0.0342	0.5995
FMP: BAND 3	0.3125	0.1045	0.3854	0.1146	0.2766
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.4930	0.1453	0.4255	0.1000	0.3710

--- = Unable to Perform Statistics

APPENDIX 39 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3287	0.1262	0.3545	0.0911	0.6934
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1464	0.0162	0.1538	0.0164	0.4492
PD: BAND 3	0.3575	0.0334	0.3937	0.0599	0.2246
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4093	0.0168	0.3990	0.0742	0.7542
PD VARIABILITY	2.56E-4	5.93E-4	2.45E-4	4.74E-4	0.9725
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	1.25E-5	2.7 E-5	1.37E-5	2.29E-5	0.9376
PDV: BAND 3	2.86E-5	3.98E-5	4.82E-4	6.38E-4	0.1426
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	4.9681	7.0137	0.0825	0.1697	0.1487

--- = Unable to Perform Statistics

APPENDIX 39 Continued

Null Hypothesis 20 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	81.9	7.26	75.4	10.3	0.2340
HR VARIABILITY	2.25	1.75	4.59	3.51	0.1757
R-AMPLITUDE (RA)	0.857	0.377	0.943	0.383	0.7026
RA VARIABILITY	3.22	3.43	3.43	2.49	0.9019
TOTAL POWER (TP)	0.0749	0.0580	0.152	0.117	0.1757
TP: BAND 1	0.0094	0.0087	0.0537	0.0537	0.0998
TP: BAND 2	0.0196	0.0191	0.0271	0.0321	0.6360
TP: BAND 3	0.0242	0.0177	0.0477	0.0354	0.1765
TP: BAND 1/BAND 2	0.473	0.203	3.02	2.79	0.0754
TP: BAND 1/BAND 3	0.401	0.181	1.54	1.59	0.1410
TP: BAND 2/BAND 3	1.01	0.678	0.535	0.265	0.1384
FREQ OF MAX POWER	0.2188	0.1986	0.1823	0.2392	0.7798
FMP: BAND 1	0.0416	0.0161	0.0364	0.0127	0.5490
FMP: BAND 2	0.1250	0.0279	0.1458	0.0255	0.2073
FMP: BAND 3	0.2968	0.1095	0.3906	0.1022	0.1565
FMP: BAND 1/BAND 2	0.3500	0.1706	0.2527	0.0798	0.2349
FMP: BAND 1/BAND 3	0.1404	0.0220	0.0984	0.0373	0.0392
FMP: BAND 2/BAND 3	0.4611	0.1526	0.3879	0.0794	0.3220

--- = Unable to Perform Statistics

APPENDIX 39 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2959	0.1187	0.2713	0.1070	0.7131
PD: BAND 1	0.0442	0.0101	0.0372	0.0082	0.2170
PD: BAND 2	0.1343	0.0100	0.1416	0.0137	0.3240
PD: BAND 3	0.3325	0.0565	0.3596	0.0391	0.3582
PD: BAND 1/BAND 2	0.3290	0.0678	0.2650	0.0624	0.1196
PD: BAND 1/BAND 3	0.1339	0.0287	0.1040	0.0217	0.0695
PD: BAND 2/BAND 3	0.4134	0.0740	0.3971	0.0515	0.6682
PD VARIABILITY	3.54E-5	7.05E-5	5.38E-5	8.41E-5	0.6898
PDV: BAND 1	1.04E-6	1.28E-6	3.28E-5	6.34E-5	0.2737
PDV: BAND 2	8.36E-6	1.38E-5	4.27E-5	9.03E-5	0.3972
PDV: BAND 3	4.82E-5	4.59E-5	1.52E-4	2.28E-4	0.3218
PDV: BAND 1/BAND 2	0.2291	0.3095	2.5844	3.5527	0.1659
PDV: BAND 1/BAND 3	0.0290	0.0494	0.7116	1.4211	0.2925
PDV: BAND 2/BAND 3	2.2250	4.1253	0.1730	0.1692	0.2776

--- = Unable to Perform Statistics

APPENDIX 39 Continued

Null Hypothesis 20 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	81.1	7.64	81.7	9.98	0.9139
HR VARIABILITY	2.16	1.62	4.60	2.21	0.0538
R-AMPLITUDE (RA)	0.855	0.378	0.921	0.387	0.7695
RA VARIABILITY	2.58	1.92	4.81	4.23	0.2656
TOTAL POWER (TP)	0.0720	0.0538	0.153	0.0733	0.0538
TP: BAND 1	0.0094	0.0066	0.0703	0.0341	0.0068
TP: BAND 2	0.0188	0.0154	0.0196	0.0134	0.9256
TP: BAND 3	0.0265	0.0206	0.0433	0.0250	0.2323
TP: BAND 1/BAND 2	0.647	0.562	4.40	1.99	0.0048
TP: BAND 1/BAND 3	0.912	1.47	2.27	1.47	0.1398
TP: BAND 2/BAND 3	0.957	0.688	0.494	0.167	0.1643
FREQ OF MAX POWER	0.1927	0.2146	0.0156	0.0000	0.0709
FMP: BAND 1	0.0338	0.0182	0.0156	0.0000	0.0346
FMP: BAND 2	0.1432	0.0333	0.1197	0.0480	0.3498
FMP: BAND 3	0.3177	0.1172	0.3307	0.1115	0.8477
FMP: BAND 1/BAND 2	0.2443	0.1313	0.1490	0.0564	0.1338
FMP: BAND 1/BAND 3	0.1107	0.0689	0.0521	0.0179	0.0939
FMP: BAND 2/BAND 3	0.4996	0.1959	0.4037	0.2129	0.4360

--- = Unable to Perform Statistics

APPENDIX 39 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2742	0.1095	0.2044	0.0646	0.2079
PD: BAND 1	0.0319	0.0078	0.0235	0.0029	0.0348
PD: BAND 2	0.1339	0.0104	0.1254	0.0145	0.2691
PD: BAND 3	0.3224	0.0369	0.3463	0.0377	0.2941
PD: BAND 1/BAND 2	0.2396	0.0582	0.1890	0.0242	0.0779
PD: BAND 1/BAND 3	0.0979	0.0160	0.0692	0.0148	0.0093
PD: BAND 2/BAND 3	0.4202	0.0631	0.3672	0.0678	0.1909
PD VARIABILITY	1.12E-5	1.9 E-5	1.63E-5	1.42E-5	0.6139
PDV: BAND 1	1.7 E-7	1.9 E-7	6.44E-6	8.79E-6	0.1408
PDV: BAND 2	6.81E-6	8.2 E-6	6.43E-6	6.93E-6	0.9322
PDV: BAND 3	1.99E-5	2.02E-5	6.26E-5	5.62E-5	0.1284
PDV: BAND 1/BAND 2	0.0405	0.0495	1.3239	0.6767	0.0056
PDV: BAND 1/BAND 3	0.0958	0.2006	0.5298	0.6418	0.1654
PDV: BAND 2/BAND 3	1.1398	1.2922	0.3187	0.3211	0.1854

--- = Unable to Perform Statistics

APPENDIX 39 Continued

Null Hypothesis 20 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	81.5	8.29	85.6	10.1	0.4602
HR VARIABILITY	1.95	1.44	3.54	1.33	0.0759
R-AMPLITUDE (RA)	0.909	0.415	0.913	0.392	0.9884
RA VARIABILITY	5.06	6.74	4.19	3.63	0.7875
TOTAL POWER (TP)	0.0650	0.0478	0.118	0.0444	0.0759
TP: BAND 1	0.0083	0.0039	0.0534	0.0183	0.0015
TP: BAND 2	0.0165	0.0109	0.0155	0.0086	0.8701
TP: BAND 3	0.0246	0.0209	0.0302	0.0187	0.6340
TP: BAND 1/BAND 2	0.787	0.657	4.47	3.00	0.0295
TP: BAND 1/BAND 3	1.20	1.72	3.03	2.49	0.1699
TP: BAND 2/BAND 3	1.32	1.60	0.709	0.579	0.4111
FREQ OF MAX POWER	0.1628	0.1543	0.0104	0.0064	0.0603
FMP: BAND 1	0.0299	0.0194	0.0104	0.0063	0.0572
FMP: BAND 2	0.1341	0.0414	0.1041	0.0435	0.2504
FMP: BAND 3	0.2890	0.0994	0.2968	0.1152	0.9024
FMP: BAND 1/BAND 2	0.2343	0.1401	0.1039	0.0432	0.0729
FMP: BAND 1/BAND 3	0.0959	0.0439	0.0401	0.0294	0.0274
FMP: BAND 2/BAND 3	0.5055	0.2149	0.4172	0.2817	0.5555

--- = Unable to Perform Statistics

APPENDIX 39 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2560	0.1126	0.1945	0.0908	0.3221
PD: BAND 1	0.0286	0.0085	0.0187	0.0033	0.0245
PD: BAND 2	0.1322	0.0109	0.1206	0.0100	0.0845
PD: BAND 3	0.3214	0.0341	0.3379	0.0361	0.4372
PD: BAND 1/BAND 2	0.2185	0.0657	0.1556	0.0255	0.0538
PD: BAND 1/BAND 3	0.0886	0.0217	0.0567	0.0152	0.0148
PD: BAND 2/BAND 3	0.4144	0.0515	0.3630	0.0693	0.1751
PD VARIABILITY	6.4 E-6	1.18E-5	7.08E-6	1.14E-5	0.9213
PDV: BAND 1	1.2 E-7	9 E-8	1.06E-6	7.6 E-7	0.0288
PDV: BAND 2	3.26E-6	3.22E-6	1.55E-6	1.63E-6	0.2734
PDV: BAND 3	1.99E-5	3.1 E-5	1.52E-5	1.45E-5	0.7462
PDV: BAND 1/BAND 2	0.0591	0.0389	0.9583	0.5237	0.0084
PDV: BAND 1/BAND 3	0.2092	0.3873	0.5656	0.7459	0.3234
PDV: BAND 2/BAND 3	4.1283	7.2753	0.4997	0.7134	0.2775

--- = Unable to Perform Statistics

APPENDIX 40

Null Hypothesis 21 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	91.0	18.3	102	15.7	0.3057
HR VARIABILITY	2.73	2.22	2.28	2.13	0.7250
R-AMPLITUDE (RA)	0.937	0.424	0.746	0.349	0.4157
RA VARIABILITY	1.89	1.25	0.754	0.643	0.0760
TOTAL POWER (TP)	0.0897	0.0727	0.0748	0.0699	0.7256
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0347	0.0331	0.0222	0.0202	0.4469
TP: BAND 3	0.0372	0.0351	0.0379	0.0357	0.9726
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	5.35	11.2	4.33	7.45	0.8568
FREQ OF MAX POWER	0.1667	0.0645	0.1875	0.1046	0.6867
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.2708	0.0510	0.3409
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 40 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3452	0.1246	0.3639	0.1015	0.7818
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3410	0.0392	0.3423	0.0523	0.9610
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	6.1 E-5	6.83E-5	5.88E-5	7.71E-5	0.9591
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	7.15E-5	8.1 E-5	2.02E-4	3.74E-4	0.4372
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 40 Continued

Null Hypothesis 21 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.2	15.7	101	12.7	0.1419
HR VARIABILITY	2.99	1.60	3.14	2.48	0.9018
R-AMPLITUDE (RA)	0.925	0.430	0.763	0.342	0.4863
RA VARIABILITY	1.79	1.22	0.993	0.535	0.1736
TOTAL POWER (TP)	0.0988	0.0528	0.104	0.0820	0.9018
TP: BAND 1	0.0176	0.0134	0.0397	0.0368	0.2135
TP: BAND 2	0.0220	0.0166	0.0220	0.0345	0.9976
TP: BAND 3	0.0435	0.0304	0.0293	0.0298	0.4333
TP: BAND 1/BAND 2	1.14	1.53	3.77	3.55	0.1266
TP: BAND 1/BAND 3	5.44	12.7	4.51	4.12	0.8709
TP: BAND 2/BAND 3	1.65	2.91	1.67	1.88	0.9869
FREQ OF MAX POWER	0.2292	0.1350	0.1458	0.1291	0.3001
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1458	0.0322	0.5995
FMP: BAND 3	0.3125	0.0790	0.2708	0.0322	0.2596
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5047	0.0547	0.5416	0.1200	0.5088

--- = Unable to Perform Statistics

APPENDIX 40 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3167	0.1201	0.2404	0.1329	0.3214
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1599	0.0231	0.1481	0.0262	0.4263
PD: BAND 3	0.3500	0.0245	0.3271	0.0360	0.2269
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4570	0.0600	0.4559	0.0843	0.9787
PD VARIABILITY	3.62E-5	2.93E-5	2.94E-5	3.26E-5	0.7126
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	6.3 E-5	1.18E-4	1.09E-4	2.54E-4	0.6917
PDV: BAND 3	1.39E-4	1.95E-4	8.67E-5	1.2 E-4	0.5893
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	7.6146	17.016	5.3589	7.7441	0.7736

--- = Unable to Perform Statistics

APPENDIX 40 Continued

Null Hypothesis 21 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.3	12.9	98.8	14.0	0.2487
HR VARIABILITY	3.24	2.43	3.09	1.94	0.9108
R-AMPLITUDE (RA)	0.940	0.428	0.810	0.327	0.5647
RA VARIABILITY	2.56	1.69	3.17	2.81	0.6587
TOTAL POWER (TP)	0.108	0.0807	0.103	0.0645	0.9108
TP: BAND 1	0.0302	0.0395	0.0355	0.0327	0.8068
TP: BAND 2	0.0289	0.0300	0.0176	0.0179	0.4468
TP: BAND 3	0.0391	0.0298	0.0346	0.0306	0.7997
TP: BAND 1/BAND 2	0.803	0.494	2.18	1.74	0.1134
TP: BAND 1/BAND 3	3.12	6.21	2.97	2.67	0.9586
TP: BAND 2/BAND 3	2.37	4.21	1.95	3.01	0.8456
FREQ OF MAX POWER	0.1771	0.1797	0.1510	0.1302	0.7796
FMP: BAND 1	0.0312	0.0000	0.0520	0.0161	0.0101
FMP: BAND 2	0.1354	0.0255	0.1458	0.0378	0.5884
FMP: BAND 3	0.2760	0.0976	0.2500	0.0522	0.5775
FMP: BAND 1/BAND 2	0.2388	0.0523	0.3722	0.1254	0.0372
FMP: BAND 1/BAND 3	0.1218	0.0299	0.2154	0.0801	0.0231
FMP: BAND 2/BAND 3	0.5171	0.1305	0.5916	0.1564	0.3919

--- = Unable to Perform Statistics

APPENDIX 40 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2550	0.1071	0.2457	0.1066	0.8823
PD: BAND 1	0.0382	0.0045	0.0486	0.0050	0.0038
PD: BAND 2	0.1400	0.0127	0.1458	0.0244	0.6145
PD: BAND 3	0.3261	0.0303	0.3219	0.0208	0.7897
PD: BAND 1/BAND 2	0.2748	0.0348	0.3405	0.0597	0.0423
PD: BAND 1/BAND 3	0.1176	0.0121	0.1523	0.0231	0.0087
PD: BAND 2/BAND 3	0.4314	0.0485	0.4564	0.0923	0.5692
PD VARIABILITY	2.13E-5	2.69E-5	1.63E-5	1.7 E-5	0.7092
PDV: BAND 1	8.8 E-7	1.38E-6	9.03E-6	1.72E-5	0.2997
PDV: BAND 2	1.94E-5	3.4 E-5	6.11E-5	1.38E-4	0.5030
PDV: BAND 3	1.6 E-4	2.81E-4	7.32E-5	9.7 E-5	0.5007
PDV: BAND 1/BAND 2	0.1789	0.2858	1.5107	2.9662	0.3228
PDV: BAND 1/BAND 3	5.8203	14.232	7.4492	14.254	0.8470
PDV: BAND 2/BAND 3	8.7900	21.050	20.073	44.830	0.5891

--- = Unable to Perform Statistics

APPENDIX 40 Continued

Null Hypothesis 21 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	90.2	13.2	94.2	12.8	0.6050
HR VARIABILITY	2.97	2.24	3.05	1.31	0.9438
R-AMPLITUDE (RA)	0.950	0.402	0.883	0.322	0.7573
RA VARIABILITY	6.46	6.51	6.84	8.95	0.9343
TOTAL POWER (TP)	0.0989	0.0745	0.101	0.0436	0.9438
TP: BAND 1	0.0292	0.0368	0.0351	0.0258	0.7542
TP: BAND 2	0.0235	0.0267	0.0200	0.0144	0.7818
TP: BAND 3	0.0367	0.0309	0.0343	0.0267	0.8889
TP: BAND 1/BAND 2	1.0628	0.7515	3.3197	3.5189	0.1806
TP: BAND 1/BAND 3	5.5206	12.184	15.259	34.404	0.5368
TP: BAND 2/BAND 3	2.5428	4.8402	2.8828	5.2589	0.9096
FREQ OF MAX POWER	0.1354	0.1184	0.1094	0.1254	0.7192
FMP: BAND 1	0.0364	0.0189	0.0182	0.0063	0.0659
FMP: BAND 2	0.1510	0.0351	0.1302	0.0500	0.4237
FMP: BAND 3	0.2395	0.0365	0.2656	0.0677	0.4266
FMP: BAND 1/BAND 2	0.2450	0.1185	0.1506	0.0475	0.1003
FMP: BAND 1/BAND 3	0.1464	0.0605	0.0738	0.0366	0.0310
FMP: BAND 2/BAND 3	0.6408	0.1793	0.5154	0.2252	0.3110

--- = Unable to Perform Statistics

APPENDIX 40 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2544	0.1188	0.2145	0.1096	0.5592
PD: BAND 1	0.0350	0.0080	0.0296	0.0070	0.2463
PD: BAND 2	0.1337	0.0162	0.1268	0.0226	0.5553
PD: BAND 3	0.3152	0.0276	0.3180	0.0239	0.8561
PD: BAND 1/BAND 2	0.2649	0.0619	0.2367	0.0566	0.4308
PD: BAND 1/BAND 3	0.1124	0.0296	0.0937	0.0254	0.2688
PD: BAND 2/BAND 3	0.4245	0.0407	0.4015	0.0822	0.5533
PD VARIABILITY	7.75E-6	9.02E-6	7.02E-6	6.75E-6	0.8780
PDV: BAND 1	1.13E-5	2.54E-5	5.44E-6	1.14E-5	0.6151
PDV: BAND 2	1.49E-5	3.08E-5	2.26E-5	3.18E-5	0.6807
PDV: BAND 3	4.6 E-5	7.52E-5	3.67E-5	3.71E-5	0.7921
PDV: BAND 1/BAND 2	0.4719	0.3786	0.9093	1.1676	0.4162
PDV: BAND 1/BAND 3	21.034	50.654	152.81	373.77	0.4300
PDV: BAND 2/BAND 3	23.737	56.840	63.643	152.44	0.5688

--- = Unable to Perform Statistics

APPENDIX 40 Continued

Null Hypothesis 21 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.2	13.3	90.5	13.1	0.8740
HR VARIABILITY	2.87	1.85	2.66	1.10	0.8214
R-AMPLITUDE (RA)	0.938	0.332	0.905	0.330	0.8678
RA VARIABILITY	7.76	8.72	5.76	7.19	0.6727
TOTAL POWER (TP)	0.0955	0.0615	0.0887	0.0365	0.8214
TP: BAND 1	0.0321	0.0318	0.0301	0.0144	0.8929
TP: BAND 2	0.0215	0.0197	0.0168	0.0105	0.6146
TP: BAND 3	0.0331	0.0289	0.0316	0.0233	0.9223
TP: BAND 1/BAND 2	1.4135	1.1312	2.5754	1.8024	0.2107
TP: BAND 1/BAND 3	6.8127	13.935	14.026	31.913	0.6229
TP: BAND 2/BAND 3	3.5221	7.0881	2.9821	5.8575	0.8885
FREQ OF MAX POWER	0.1693	0.1618	0.0599	0.0993	0.1884
FMP: BAND 1	0.0273	0.0213	0.0182	0.0219	0.4827
FMP: BAND 2	0.1406	0.0460	0.1223	0.0488	0.5211
FMP: BAND 3	0.2565	0.0766	0.2486	0.0633	0.8512
FMP: BAND 1/BAND 2	0.1940	0.1213	0.1419	0.1193	0.4712
FMP: BAND 1/BAND 3	0.1168	0.0876	0.0832	0.1161	0.5834
FMP: BAND 2/BAND 3	0.5598	0.1770	0.5143	0.2350	0.7129

--- = Unable to Perform Statistics

APPENDIX 40 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2282	0.1154	0.2040	0.0987	0.7041
PD: BAND 1	0.0301	0.0056	0.0226	0.0052	0.0378
PD: BAND 2	0.1311	0.0148	0.1229	0.0167	0.3944
PD: BAND 3	0.3125	0.0262	0.3103	0.0285	0.8921
PD: BAND 1/BAND 2	0.2345	0.0587	0.1842	0.0331	0.0976
PD: BAND 1/BAND 3	0.0978	0.0228	0.0736	0.0207	0.0834
PD: BAND 2/BAND 3	0.4198	0.0398	0.3983	0.0623	0.4923
PD VARIABILITY	3.34E-6	3.99E-6	2.33E-6	2.41E-6	0.6069
PDV: BAND 1	3.6 E-6	5.22E-6	1.12E-6	2.3 E-6	0.3114
PDV: BAND 2	8.23E-6	1.68E-5	3.05E-6	3.31E-6	0.4918
PDV: BAND 3	1.94E-5	3.28E-5	1.12E-5	1.54E-5	0.5937
PDV: BAND 1/BAND 2	1.3126	2.3631	0.5190	0.5883	0.4574
PDV: BAND 1/BAND 3	35.185	83.308	44.640	108.87	0.8692
PDV: BAND 2/BAND 3	25.885	61.433	28.551	68.384	0.9448

--- = Unable to Perform Statistics

APPENDIX 41

Null Hypothesis 22 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	91.0	18.3	83.4	17.9	0.4842
HR VARIABILITY	2.73	2.22	1.89	1.38	0.4489
R-AMPLITUDE (RA)	0.937	0.424	0.866	0.318	0.7497
RA VARIABILITY	1.89	1.25	0.654	0.690	0.0599
TOTAL POWER (TP)	0.0897	0.0727	0.0621	0.0453	0.4490
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0347	0.0331	0.0214	0.0330	0.5012
TP: BAND 3	0.0372	0.0351	0.0343	0.0366	0.8903
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	5.3453	11.176	5.8481	10.058	0.9363
FREQ OF MAX POWER	0.1667	0.0645	0.2708	0.1461	0.1413
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.0000	0.3125	0.1045	0.1739
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 41 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3452	0.1246	0.3216	0.1441	0.7681
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3410	0.0392	0.3359	0.0792	0.8922
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	6.1 E-5	6.83E-5	3.26E-5	3.2 E-5	0.3789
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	7.15E-5	8.1 E-5	1.34E-4	1.97E-4	0.4841
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 41 Continued

Null Hypothesis 22 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	88.2	15.7	84.0	15.9	0.6548
HR VARIABILITY	2.99	1.60	2.51	2.56	0.7052
R-AMPLITUDE (RA)	0.925	0.430	0.877	0.321	0.8310
RA VARIABILITY	1.79	1.22	0.823	1.06	0.1731
TOTAL POWER (TP)	0.0988	0.0528	0.0830	0.0846	0.7052
TP: BAND 1	0.0176	0.0134	0.0138	0.0209	0.7157
TP: BAND 2	0.0220	0.0166	0.0298	0.0487	0.7234
TP: BAND 3	0.0435	0.0304	0.0285	0.0328	0.4330
TP: BAND 1/BAND 2	1.1413	1.5323	0.3612	0.5457	0.2831
TP: BAND 1/BAND 3	5.4388	12.692	1.5996	2.1022	0.4962
TP: BAND 2/BAND 3	1.6450	2.9134	4.0123	6.6073	0.4406
FREQ OF MAX POWER	0.2292	0.1350	0.2708	0.1923	0.6732
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1562	0.0342	0.1562	0.0342	1.0000
FMP: BAND 3	0.3125	0.0790	0.3229	0.1146	0.8583
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5047	0.0547	0.5267	0.1909	0.7953

--- = Unable to Perform Statistics

APPENDIX 41 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3167	0.1201	0.2980	0.1221	0.7947
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1599	0.0231	0.1522	0.0158	0.5146
PD: BAND 3	0.3500	0.0245	0.3644	0.0694	0.6500
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4570	0.0600	0.4330	0.1118	0.6535
PD VARIABILITY	3.62E-5	2.93E-5	3.46E-5	4.03E-5	0.9413
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	6.3 E-5	1.18E-4	1.53E-5	2.97E-5	0.3770
PDV: BAND 3	1.39E-4	1.95E-4	1.71E-4	3.64E-4	0.8528
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	7.6146	17.016	65.238	158.33	0.4153

--- = Unable to Perform Statistics

APPENDIX 41 Continued

Null Hypothesis 22 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.3	12.9	83.6	12.8	0.4640
HR VARIABILITY	3.24	2.43	2.62	2.33	0.6626
R-AMPLITUDE (RA)	0.940	0.428	0.867	0.332	0.7452
RA VARIABILITY	2.56	1.69	1.63	1.65	0.3591
TOTAL POWER (TP)	0.108	0.0807	0.0870	0.0775	0.6626
TP: BAND 1	0.0302	0.0395	0.0134	0.0146	0.3647
TP: BAND 2	0.0289	0.0300	0.0322	0.0448	0.8837
TP: BAND 3	0.0391	0.0298	0.0310	0.0255	0.6246
TP: BAND 1/BAND 2	0.8027	0.4938	0.9744	1.2684	0.7636
TP: BAND 1/BAND 3	3.1184	6.2099	1.0738	1.7606	0.4684
TP: BAND 2/BAND 3	2.3693	4.2138	1.6890	1.9692	0.7276
FREQ OF MAX POWER	0.1771	0.1797	0.1875	0.1311	0.9109
FMP: BAND 1	0.0312	0.0000	0.0416	0.0161	0.1449
FMP: BAND 2	0.1354	0.0255	0.1614	0.0365	0.1828
FMP: BAND 3	0.2760	0.0976	0.3177	0.1142	0.5125
FMP: BAND 1/BAND 2	0.2388	0.0523	0.2666	0.1011	0.5634
FMP: BAND 1/BAND 3	0.1218	0.0299	0.1354	0.0398	0.5205
FMP: BAND 2/BAND 3	0.5171	0.1305	0.5412	0.1761	0.7940

--- = Unable to Perform Statistics

APPENDIX 41 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2550	0.1071	0.2803	0.1037	0.6870
PD: BAND 1	0.0382	0.0045	0.0462	0.0078	0.0560
PD: BAND 2	0.1400	0.0127	0.1525	0.0178	0.1915
PD: BAND 3	0.3261	0.0303	0.3284	0.0487	0.9229
PD: BAND 1/BAND 2	0.2748	0.0348	0.3055	0.0550	0.2745
PD: BAND 1/BAND 3	0.1176	0.0121	0.1424	0.0270	0.0684
PD: BAND 2/BAND 3	0.4314	0.0485	0.4708	0.0747	0.3046
PD VARIABILITY	2.13E-5	2.69E-5	2.45E-5	2.87E-5	0.8453
PDV: BAND 1	8.8 E-7	1.38E-6	5.45E-6	1.32E-5	0.4382
PDV: BAND 2	1.94E-5	3.4 E-5	2.41E-4	5.59E-4	0.3756
PDV: BAND 3	1.6 E-4	2.81E-4	1.01E-4	1.63E-4	0.6677
PDV: BAND 1/BAND 2	0.1789	0.2858	0.1249	0.2604	0.7394
PDV: BAND 1/BAND 3	5.8203	14.232	0.3051	0.5617	0.3864
PDV: BAND 2/BAND 3	8.7900	21.050	7.2617	10.523	0.8768

--- = Unable to Perform Statistics

APPENDIX 41 Continued

Null Hypothesis 22 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	90.2	13.2	82.9	14.2	0.3802
HR VARIABILITY	2.97	2.24	2.48	1.81	0.6860
R-AMPLITUDE (RA)	0.950	0.402	0.890	0.317	0.7809
RA VARIABILITY	6.46	6.51	2.31	1.38	0.1825
TOTAL POWER (TP)	0.0989	0.0745	0.0826	0.0602	0.6860
TP: BAND 1	0.0292	0.0368	0.0137	0.0111	0.3614
TP: BAND 2	0.0235	0.0267	0.0276	0.0387	0.8356
TP: BAND 3	0.0367	0.0309	0.0323	0.0281	0.8026
TP: BAND 1/BAND 2	1.0628	0.7515	1.2506	1.4517	0.7841
TP: BAND 1/BAND 3	5.5206	12.184	8.2834	19.448	0.7741
TP: BAND 2/BAND 3	2.5428	4.8402	2.6935	4.5650	0.9568
FREQ OF MAX POWER	0.1354	0.1184	0.1797	0.1549	0.5904
FMP: BAND 1	0.0364	0.0189	0.0234	0.0130	0.1957
FMP: BAND 2	0.1510	0.0351	0.1432	0.0412	0.7314
FMP: BAND 3	0.2395	0.0365	0.2578	0.0848	0.6393
FMP: BAND 1/BAND 2	0.2450	0.1185	0.1664	0.0713	0.1942
FMP: BAND 1/BAND 3	0.1464	0.0605	0.1002	0.0690	0.2469
FMP: BAND 2/BAND 3	0.6408	0.1793	0.5796	0.1916	0.5801

--- = Unable to Perform Statistics

APPENDIX 41 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2544	0.1188	0.2570	0.1240	0.9711
PD: BAND 1	0.0350	0.0080	0.0293	0.0074	0.2377
PD: BAND 2	0.1337	0.0162	0.1426	0.0214	0.4379
PD: BAND 3	0.3152	0.0276	0.3238	0.0430	0.6901
PD: BAND 1/BAND 2	0.2649	0.0619	0.2061	0.0410	0.0814
PD: BAND 1/BAND 3	0.1124	0.0296	0.0922	0.0271	0.2476
PD: BAND 2/BAND 3	0.4245	0.0407	0.4435	0.0645	0.5558
PD VARIABILITY	7.75E-6	9.02E-6	9.84E-6	1.07E-5	0.7222
PDV: BAND 1	1.13E-5	2.54E-5	7.8 E-7	1.36E-6	0.3560
PDV: BAND 2	1.49E-5	3.08E-5	5.63E-5	1.01E-4	0.3762
PDV: BAND 3	4.6 E-5	7.52E-5	5.37E-5	1.02E-4	0.8854
PDV: BAND 1/BAND 2	0.4719	0.3786	0.1830	0.2492	0.1496
PDV: BAND 1/BAND 3	21.034	50.654	13.220	32.283	0.7566
PDV: BAND 2/BAND 3	23.737	56.840	23.532	49.168	0.9948

--- = Unable to Perform Statistics

APPENDIX 41 Continued

Null Hypothesis 22 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	89.2	13.3	83.9	14.3	0.5203
HR VARIABILITY	2.87	1.85	2.45	1.81	0.7046
R-AMPLITUDE (RA)	0.938	0.332	0.916	0.315	0.9095
RA VARIABILITY	7.76	8.72	3.11	1.94	0.2540
TOTAL POWER (TP)	0.0955	0.0615	0.0817	0.0602	0.7046
TP: BAND 1	0.0321	0.0318	0.0128	0.0089	0.2063
TP: BAND 2	0.0215	0.0197	0.0264	0.0357	0.7727
TP: BAND 3	0.0331	0.0289	0.0348	0.0302	0.9216
TP: BAND 1/BAND 2	1.4135	1.1312	1.0860	0.9515	0.5993
TP: BAND 1/BAND 3	6.8127	13.935	3.2235	6.8496	0.5837
TP: BAND 2/BAND 3	3.5221	7.0881	1.6276	2.2965	0.5562
FREQ OF MAX POWER	0.1693	0.1618	0.1432	0.1655	0.7884
FMP: BAND 1	0.0273	0.0213	0.0208	0.0189	0.5889
FMP: BAND 2	0.1406	0.0460	0.1575	0.0249	0.4470
FMP: BAND 3	0.2565	0.0766	0.2682	0.0788	0.7993
FMP: BAND 1/BAND 2	0.1940	0.1213	0.1383	0.1226	0.4475
FMP: BAND 1/BAND 3	0.1168	0.0876	0.0891	0.0922	0.6047
FMP: BAND 2/BAND 3	0.5598	0.1770	0.6163	0.1554	0.5696

--- = Unable to Perform Statistics

APPENDIX 41 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2282	0.1154	0.2391	0.1026	0.8668
PD: BAND 1	0.0301	0.0056	0.0268	0.0086	0.4527
PD: BAND 2	0.1311	0.0148	0.1376	0.0112	0.4126
PD: BAND 3	0.3125	0.0262	0.3085	0.0455	0.8569
PD: BAND 1/BAND 2	0.2345	0.0587	0.1957	0.0626	0.2941
PD: BAND 1/BAND 3	0.0978	0.0228	0.0902	0.0354	0.6645
PD: BAND 2/BAND 3	0.4198	0.0398	0.4505	0.0452	0.2405
PD VARIABILITY	3.34E-6	3.99E-6	5.72E-6	7 E-6	0.4864
PDV: BAND 1	3.6 E-6	5.22E-6	3.8 E-7	5.9 E-7	0.1916
PDV: BAND 2	8.23E-6	1.68E-5	3.37E-5	7.54E-5	0.4527
PDV: BAND 3	1.94E-5	3.28E-5	3.68E-5	6.63E-5	0.5769
PDV: BAND 1/BAND 2	1.3126	2.3631	0.2227	0.3670	0.3131
PDV: BAND 1/BAND 3	35.185	83.308	2.8998	7.0130	0.3871
PDV: BAND 2/BAND 3	25.885	61.433	4.3479	6.9919	0.4317

--- = Unable to Perform Statistics

APPENDIX 42

Null Hypothesis 23 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	78.6	15.2	93.0	22.8	0.2745
HR VARIABILITY	2.21	1.27	5.16	5.84	0.3274
R-AMPLITUDE (RA)	0.921	0.321	0.941	0.411	0.9332
RA VARIABILITY	0.674	0.769	0.912	0.471	0.5713
TOTAL POWER (TP)	0.0727	0.0415	0.169	0.192	0.3274
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0240	0.0362	0.117	0.137	0.2066
TP: BAND 3	0.0410	0.0366	0.0338	0.0350	0.7588
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	5.1545	11.084	2.7099	1.2994	0.6494
FREQ OF MAX POWER	0.3000	0.1425	0.1250	0.0000	0.0252
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3250	0.1118	0.2500	0.0000	0.1720
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 42 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3568	0.1292	0.2877	0.0590	0.3086
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3522	0.0766	0.3163	0.0187	0.3615
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	3.91E-5	3.11E-5	1.22E-4	1.7 E-4	0.3392
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1.61E-4	2.08E-4	4.24E-5	5.93E-5	0.2768
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 42 Continued

Null Hypothesis 23 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.5	12.8	87.3	31.3	0.6171
HR VARIABILITY	2.96	2.59	10.3	8.81	0.1363
R-AMPLITUDE (RA)	0.931	0.327	0.917	0.403	0.9522
RA VARIABILITY	0.852	1.18	3.47	3.60	0.1610
TOTAL POWER (TP)	0.0977	0.0855	0.342	0.291	0.1363
TP: BAND 1	0.0163	0.022	0.186	0.172	0.0917
TP: BAND 2	0.0344	0.0530	0.115	0.126	0.2258
TP: BAND 3	0.0342	0.0333	0.0262	0.0237	0.6766
TP: BAND 1/BAND 2	0.3829	0.6072	4.1792	3.6238	0.0791
TP: BAND 1/BAND 3	1.0490	1.8029	10.097	5.9064	0.0243
TP: BAND 2/BAND 3	1.3650	1.4184	3.4034	1.9889	0.0990
FREQ OF MAX POWER	0.3000	0.1996	0.0750	0.2795	0.0651
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1625	0.0342	0.1250	0.0000	0.0400
FMP: BAND 3	0.3375	0.1218	0.2500	0.0000	0.1470
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5321	0.2129	0.5000	0.0000	0.7444

--- = Unable to Perform Statistics

APPENDIX 42 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3283	0.1084	0.1370	0.0246	0.0157
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1563	0.0137	0.1373	0.0109	0.0423
PD: BAND 3	0.3711	0.0754	0.3376	0.0290	0.3819
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4400	0.1236	0.4074	0.0213	0.5915
PD VARIABILITY	4.15E-5	4.09E-5	1.43E-4	1.5 E-4	0.2100
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	1.81E-5	3.24E-5	1.08E-3	1.87E-3	0.2735
PDV: BAND 3	2.05E-4	3.96E-4	4.07E-5	4.91E-5	0.4080
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	0.5991	1.0826	16.362	20.051	0.1537

--- = Unable to Perform Statistics

APPENDIX 42 Continued

Null Hypothesis 23 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.5	8.65	85.6	31.5	0.6953
HR VARIABILITY	3.07	2.30	10.7	10.0	0.1680
R-AMPLITUDE (RA)	0.918	0.344	0.885	0.416	0.8946
RA VARIABILITY	1.81	1.77	5.71	4.62	0.1158
TOTAL POWER (TP)	0.102	0.0763	0.354	0.333	0.1680
TP: BAND 1	0.0152	0.0157	0.250	0.264	0.1182
TP: BAND 2	0.0376	0.0480	0.0834	0.0729	0.2745
TP: BAND 3	0.0370	0.0233	0.0164	0.0186	0.1602
TP: BAND 1/BAND 2	0.9970	1.4168	23.435	45.572	0.3328
TP: BAND 1/BAND 3	0.3651	0.3287	28.556	28.078	0.0881
TP: BAND 2/BAND 3	0.9554	0.9002	5.2926	3.5793	0.0524
FREQ OF MAX POWER	0.2188	0.1190	0.0563	0.0407	0.0202
FMP: BAND 1	0.0437	0.0171	0.0375	0.0139	0.5447
FMP: BAND 2	0.1562	0.0382	0.1062	0.0171	0.0285
FMP: BAND 3	0.3375	0.1156	0.2187	0.0000	0.0508
FMP: BAND 1/BAND 2	0.2866	0.0988	0.3666	0.1728	0.3952
FMP: BAND 1/BAND 3	0.1339	0.0443	0.1714	0.0638	0.3126
FMP: BAND 2/BAND 3	0.4780	0.0940	0.4857	0.0782	0.8917

--- = Unable to Perform Statistics

APPENDIX 42 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3026	0.0985	0.0821	0.0270	0.0063
PD: BAND 1	0.0463	0.0087	0.0415	0.0062	0.3493
PD: BAND 2	0.1524	0.0199	0.1195	0.0114	0.0127
PD: BAND 3	0.3332	0.0528	0.3165	0.0477	0.6137
PD: BAND 1/BAND 2	0.3070	0.0613	0.3512	0.0672	0.3101
PD: BAND 1/BAND 3	0.1409	0.0299	0.1340	0.0281	0.7192
PD: BAND 2/BAND 3	0.4643	0.0816	0.3867	0.0823	0.1728
PD VARIABILITY	2.94E-5	2.92E-5	4.15E-5	4.23E-5	0.6141
PDV: BAND 1	6.54E-6	1.45E-5	1.4 E-4	2.59E-4	0.3122
PDV: BAND 2	2.9 E-4	6.11E-4	1.88E-4	1.97E-4	0.7378
PDV: BAND 3	1.21E-4	1.73E-4	2.57E-5	5.22E-5	0.2944
PDV: BAND 1/BAND 2	0.1377	0.2890	131.22	290.93	0.3707
PDV: BAND 1/BAND 3	0.0870	0.1938	68.010	73.755	0.1085
PDV: BAND 2/BAND 3	4.1315	8.0587	41.943	51.842	0.1796

--- = Unable to Perform Statistics

APPENDIX 42 Continued

Null Hypothesis 23 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	78.0	8.46	92.0	24.8	0.2680
HR VARIABILITY	2.81	1.81	9.30	9.45	0.2022
R-AMPLITUDE (RA)	0.936	0.331	0.876	0.438	0.8133
RA VARIABILITY	2.23	1.53	19.3	25.3	0.2072
TOTAL POWER (TP)	0.0936	0.0602	0.309	0.314	0.2022
TP: BAND 1	0.0121	0.0116	0.242	0.282	0.1414
TP: BAND 2	0.0321	0.0415	0.0506	0.0449	0.5177
TP: BAND 3	0.0387	0.0262	0.0122	0.0145	0.0831
TP: BAND 1/BAND 2	0.6922	0.5437	16.798	18.275	0.1201
TP: BAND 1/BAND 3	0.3447	0.3347	30.707	20.490	0.0296
TP: BAND 2/BAND 3	0.8588	0.8952	4.3235	4.3012	0.1476
FREQ OF MAX POWER	0.2125	0.1481	0.0156	0.0000	0.0178
FMP: BAND 1	0.0250	0.0139	0.0156	0.0000	0.1720
FMP: BAND 2	0.1500	0.0422	0.1187	0.0359	0.2432
FMP: BAND 3	0.2687	0.0900	0.2218	0.0419	0.3221
FMP: BAND 1/BAND 2	0.1712	0.0786	0.1415	0.0423	0.4785
FMP: BAND 1/BAND 3	0.1049	0.0761	0.0720	0.0108	0.3912
FMP: BAND 2/BAND 3	0.5878	0.2130	0.5311	0.1034	0.6070

--- = Unable to Perform Statistics

APPENDIX 42 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2979	0.0818	0.0611	0.0306	0.0003
PD: BAND 1	0.0302	0.0079	0.0263	0.0060	0.4053
PD: BAND 2	0.1463	0.0216	0.1189	0.0141	0.0457
PD: BAND 3	0.3305	0.0444	0.3116	0.0241	0.4260
PD: BAND 1/BAND 2	0.2071	0.0458	0.2253	0.0609	0.6089
PD: BAND 1/BAND 3	0.0934	0.0301	0.0862	0.0266	0.6987
PD: BAND 2/BAND 3	0.4466	0.0717	0.3830	0.0485	0.1392
PD VARIABILITY	1.18E-5	1.07E-5	8.85E-6	1.07E-5	0.6760
PDV: BAND 1	9 E-7	1.49E-6	1.49E-4	3.13E-4	0.3488
PDV: BAND 2	6.75E-5	1.09E-4	2.41E-5	2.36E-5	0.4305
PDV: BAND 3	6.44E-5	1.1 E-4	3.46E-6	6.35E-6	0.2858
PDV: BAND 1/BAND 2	0.0915	0.1217	26.242	27.182	0.0979
PDV: BAND 1/BAND 3	0.0413	0.0619	155.40	204.55	0.1647
PDV: BAND 2/BAND 3	3.5379	4.8607	14.764	18.267	0.2474

--- = Unable to Perform Statistics

APPENDIX 42 Continued

Null Hypothesis 23 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.3	9.70	93.9	17.9	0.1467
HR VARIABILITY	2.81	1.77	7.24	7.19	0.2456
R-AMPLITUDE (RA)	0.953	0.337	0.935	0.482	0.9462
RA VARIABILITY	2.87	2.06	14.7	12.8	0.1091
TOTAL POWER (TP)	0.0935	0.0591	0.241	0.239	0.2456
TP: BAND 1	0.0122	0.0098	0.197	0.229	0.1443
TP: BAND 2	0.0306	0.0383	0.0303	0.0234	0.9896
TP: BAND 3	0.0416	0.0282	0.0102	0.0111	0.0495
TP: BAND 1/BAND 2	0.7471	0.5197	9.3841	6.9778	0.0504
TP: BAND 1/BAND 3	0.4340	0.5330	28.813	33.046	0.1272
TP: BAND 2/BAND 3	0.7182	0.6241	4.2033	4.2293	0.1399
FREQ OF MAX POWER	0.1703	0.1695	0.0094	0.0035	0.1010
FMP: BAND 1	0.0234	0.0199	0.0093	0.0034	0.1914
FMP: BAND 2	0.1593	0.0273	0.1171	0.0307	0.0513
FMP: BAND 3	0.2828	0.0785	0.2031	0.0174	0.0860
FMP: BAND 1/BAND 2	0.1554	0.1288	0.0795	0.0133	0.2591
FMP: BAND 1/BAND 3	0.0989	0.0995	0.0466	0.0188	0.3094
FMP: BAND 2/BAND 3	0.5876	0.1549	0.5840	0.1757	0.9732

--- = Unable to Perform Statistics

APPENDIX 42 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2728	0.0680	0.0616	0.0267	0.0002
PD: BAND 1	0.0265	0.0096	0.0204	0.0051	0.2455
PD: BAND 2	0.1410	0.0085	0.1171	0.0056	0.0008
PD: BAND 3	0.3188	0.0423	0.3020	0.0230	0.4568
PD: BAND 1/BAND 2	0.1876	0.0663	0.1737	0.0397	0.6997
PD: BAND 1/BAND 3	0.0860	0.0379	0.0683	0.0182	0.3738
PD: BAND 2/BAND 3	0.4468	0.0495	0.3894	0.0300	0.0577
PD VARIABILITY	6.86E-6	7.18E-6	1.6 E-6	1.83E-6	0.1801
PDV: BAND 1	4 E-7	6.6 E-7	2.71E-5	5.63E-5	0.3482
PDV: BAND 2	4.04E-5	8.23E-5	5.13E-6	6.59E-6	0.3927
PDV: BAND 3	4.42E-5	7.13E-5	1.38E-6	2.67E-6	0.2504
PDV: BAND 1/BAND 2	0.0764	0.0882	10.290	12.296	0.1368
PDV: BAND 1/BAND 3	0.0368	0.0537	129.42	249.52	0.3108
PDV: BAND 2/BAND 3	1.6105	2.2158	14.489	18.692	0.1992

--- = Unable to Perform Statistics

APPENDIX 43

Null Hypothesis 24 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	78.6	15.2	90.7	17.4	0.2761
HR VARIABILITY	2.21	1.27	4.92	5.82	0.3632
R-AMPLITUDE (RA)	0.921	0.321	1.15	0.462	0.3971
RA VARIABILITY	0.674	0.769	1.75	1.78	0.2483
TOTAL POWER (TP)	0.0727	0.0415	0.161	0.191	0.3633
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0240	0.0362	0.0658	0.124	0.5039
TP: BAND 3	0.0410	0.0366	0.0885	0.0774	0.2501
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	5.1545	11.084	0.5365	0.6749	0.4048
FREQ OF MAX POWER	0.3000	0.1425	0.2750	0.1369	0.7845
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3250	0.1118	0.3000	0.1118	0.7328
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 43 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3568	0.1292	0.3183	0.0856	0.5939
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3522	0.0766	0.3149	0.0613	0.4204
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	3.91E-5	3.11E-5	1.77E-4	2.14E-4	0.2248
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	1.61E-4	2.08E-4	4.51E-4	4.05E-4	0.1940
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 43 Continued

Null Hypothesis 24 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.5	12.8	83.4	9.10	0.5886
HR VARIABILITY	2.96	2.59	6.85	9.79	0.4332
R-AMPLITUDE (RA)	0.931	0.327	1.13	0.452	0.4537
RA VARIABILITY	0.852	1.18	2.86	3.59	0.2684
TOTAL POWER (TP)	0.0977	0.0855	0.227	0.324	0.4332
TP: BAND 1	0.0163	0.0224	0.137	0.279	0.3875
TP: BAND 2	0.0344	0.0530	0.0212	0.0330	0.6475
TP: BAND 3	0.0342	0.0333	0.0619	0.0558	0.3681
TP: BAND 1/BAND 2	0.3829	0.6072	43.308	96.348	0.3755
TP: BAND 1/BAND 3	1.0490	1.8029	1.1065	1.9175	0.9622
TP: BAND 2/BAND 3	1.3650	1.4184	0.5804	0.5889	0.2864
FREQ OF MAX POWER	0.3000	0.1996	0.1875	0.0988	0.2914
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1625	0.0342	0.1750	0.0279	0.5447
FMP: BAND 3	0.3375	0.1218	0.2750	0.0342	0.3241
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5321	0.2129	0.6400	0.1083	0.3424

--- = Unable to Perform Statistics

APPENDIX 43 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3283	0.1084	0.2551	0.0923	0.2828
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1563	0.0137	0.1587	0.0127	0.7866
PD: BAND 3	0.3711	0.0754	0.3361	0.0670	0.4602
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4400	0.1236	0.4915	0.1220	0.5261
PD VARIABILITY	4.15E-5	4.09E-5	1.38E-4	2.16E-4	0.3765
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	1.81E-5	3.24E-5	6.38E-5	1.39E-4	0.5126
PDV: BAND 3	2.05E-4	3.96E-4	3.36E-4	4.66E-4	0.6437
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	0.5991	1.0826	0.9568	2.0547	0.7394

--- = Unable to Perform Statistics

APPENDIX 43 Continued

Null Hypothesis 24 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.5	8.65	79.7	7.45	0.9615
HR VARIABILITY	3.07	2.30	6.07	8.13	0.4514
R-AMPLITUDE (RA)	0.918	0.344	1.12	0.478	0.4728
RA VARIABILITY	1.81	1.77	3.19	3.70	0.4743
TOTAL POWER (TP)	0.102	0.0763	0.201	0.270	0.4675
TP: BAND 1	0.0152	0.0157	0.0992	0.202	0.4058
TP: BAND 2	0.0376	0.0480	0.0257	0.0242	0.6341
TP: BAND 3	0.0370	0.0233	0.0659	0.0529	0.2957
TP: BAND 1/BAND 2	0.9970	1.4168	1.7476	3.1925	0.6437
TP: BAND 1/BAND 3	0.3651	0.3287	0.8559	1.6642	0.5508
TP: BAND 2/BAND 3	0.9554	0.9002	0.4961	0.4101	0.3296
FREQ OF MAX POWER	0.2188	0.1190	0.1688	0.0900	0.4751
FMP: BAND 1	0.0437	0.0171	0.0375	0.0139	0.5447
FMP: BAND 2	0.1562	0.0382	0.1250	0.0382	0.2328
FMP: BAND 3	0.3375	0.1156	0.2812	0.1230	0.4777
FMP: BAND 1/BAND 2	0.2866	0.0988	0.2999	0.0456	0.7912
FMP: BAND 1/BAND 3	0.1339	0.0443	0.1482	0.0666	0.7009
FMP: BAND 2/BAND 3	0.4780	0.0940	0.4857	0.1866	0.9364

--- = Unable to Perform Statistics

APPENDIX 43 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3026	0.0985	0.2397	0.0653	0.2687
PD: BAND 1	0.0463	0.0087	0.0420	0.0058	0.3881
PD: BAND 2	0.1524	0.0199	0.1332	0.0224	0.1914
PD: BAND 3	0.3332	0.0528	0.3043	0.0645	0.4608
PD: BAND 1/BAND 2	0.3070	0.0613	0.3208	0.0565	0.7223
PD: BAND 1/BAND 3	0.1409	0.0299	0.1449	0.0429	0.8658
PD: BAND 2/BAND 3	0.4643	0.0816	0.4581	0.1422	0.9353
PD VARIABILITY	2.94E-5	2.92E-5	6.16E-5	6.48E-5	0.3407
PDV: BAND 1	6.54E-6	1.45E-5	2.39E-6	4.37E-6	0.5693
PDV: BAND 2	2.9 E-4	6.11E-4	2.31E-5	2.55E-5	0.3845
PDV: BAND 3	1.21E-4	1.73E-4	4.33E-4	4.26E-4	0.1690
PDV: BAND 1/BAND 2	0.1377	0.2890	0.0443	0.0694	0.5174
PDV: BAND 1/BAND 3	0.0870	0.1938	0.0038	0.0061	0.3915
PDV: BAND 2/BAND 3	4.1315	8.0587	0.2508	0.4415	0.3425

--- = Unable to Perform Statistics

APPENDIX 43 Continued

Null Hypothesis 24 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	78.0	8.46	79.0	9.28	0.8706
HR VARIABILITY	2.81	1.81	4.88	5.79	0.4820
R-AMPLITUDE (RA)	0.936	0.331	1.10	0.508	0.5534
RA VARIABILITY	2.23	1.53	3.17	3.54	0.5982
TOTAL POWER (TP)	0.0936	0.0601	0.162	0.193	0.4820
TP: BAND 1	0.0121	0.0116	0.0637	0.116	0.3789
TP: BAND 2	0.0321	0.0415	0.0347	0.0317	0.9147
TP: BAND 3	0.0387	0.0262	0.0513	0.0470	0.6153
TP: BAND 1/BAND 2	0.6922	0.5437	1.3400	1.8581	0.4906
TP: BAND 1/BAND 3	0.3447	0.3347	0.7799	0.8720	0.3280
TP: BAND 2/BAND 3	0.8588	0.8952	0.8248	0.5461	0.9440
FREQ OF MAX POWER	0.2125	0.1481	0.1719	0.0884	0.6126
FMP: BAND 1	0.0250	0.0139	0.0250	0.0085	1.0000
FMP: BAND 2	0.1500	0.0422	0.1343	0.0407	0.5680
FMP: BAND 3	0.2687	0.0900	0.2312	0.0256	0.4149
FMP: BAND 1/BAND 2	0.1712	0.0786	0.2139	0.1289	0.5450
FMP: BAND 1/BAND 3	0.1049	0.0761	0.1121	0.0472	0.8619
FMP: BAND 2/BAND 3	0.5878	0.2130	0.5774	0.1588	0.9323

--- = Unable to Perform Statistics

APPENDIX 43 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2979	0.0818	0.2278	0.0487	0.1386
PD: BAND 1	0.0302	0.0079	0.0335	0.0060	0.4790
PD: BAND 2	0.1463	0.0216	0.1310	0.0194	0.2755
PD: BAND 3	0.3305	0.0444	0.3095	0.0499	0.5025
PD: BAND 1/BAND 2	0.2071	0.0458	0.2609	0.0581	0.1430
PD: BAND 1/BAND 3	0.0934	0.0301	0.1117	0.0313	0.3769
PD: BAND 2/BAND 3	0.4466	0.0717	0.4375	0.1182	0.8876
PD VARIABILITY	1.18E-5	1.07E-5	2.33E-5	3 E-5	0.4430
PDV: BAND 1	9 E-7	1.49E-6	1.24E-5	2.27E-5	0.3221
PDV: BAND 2	6.75E-5	1.09E-4	4.32E-5	6.95E-5	0.6850
PDV: BAND 3	6.44E-5	1.1 E-4	1.39E-4	1.53E-4	0.4029
PDV: BAND 1/BAND 2	0.0915	0.1217	0.3922	0.7698	0.4352
PDV: BAND 1/BAND 3	0.0413	0.0619	0.0466	0.0576	0.8909
PDV: BAND 2/BAND 3	3.5379	4.8607	1.1082	1.7459	0.3236

--- = Unable to Perform Statistics

APPENDIX 43 Continued

Null Hypothesis 24 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.3	9.70	79.1	12.2	0.9814
HR VARIABILITY	2.81	1.77	3.80	3.82	0.6126
R-AMPLITUDE (RA)	0.953	0.337	1.07	0.539	0.6855
RA VARIABILITY	2.86	2.06	3.91	3.97	0.6162
TOTAL POWER (TP)	0.0935	0.0591	0.127	0.127	0.6126
TP: BAND 1	0.0122	0.0098	0.0395	0.0682	0.4250
TP: BAND 2	0.0306	0.0383	0.0287	0.0263	0.9323
TP: BAND 3	0.0416	0.0282	0.0479	0.0391	0.7767
TP: BAND 1/BAND 2	0.7471	0.5197	1.8853	1.9114	0.2605
TP: BAND 1/BAND 3	0.4340	0.5330	1.3103	1.7325	0.3319
TP: BAND 2/BAND 3	0.7182	0.6241	0.7065	0.3357	0.9715
FREQ OF MAX POWER	0.1703	0.1695	0.0922	0.1009	0.4016
FMP: BAND 1	0.0234	0.0199	0.0140	0.0101	0.3762
FMP: BAND 2	0.1593	0.0273	0.1156	0.0418	0.0862
FMP: BAND 3	0.2828	0.0785	0.2109	0.0240	0.1116
FMP: BAND 1/BAND 2	0.1554	0.1288	0.1547	0.1650	0.9942
FMP: BAND 1/BAND 3	0.0989	0.0995	0.0693	0.0542	0.5760
FMP: BAND 2/BAND 3	0.5876	0.1549	0.5389	0.1485	0.6255

--- = Unable to Perform Statistics

APPENDIX 43 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2728	0.0680	0.2035	0.0723	0.1566
PD: BAND 1	0.0265	0.0096	0.0248	0.0091	0.7773
PD: BAND 2	0.1410	0.0085	0.1296	0.0159	0.1980
PD: BAND 3	0.3188	0.0423	0.2946	0.0425	0.3931
PD: BAND 1/BAND 2	0.1876	0.0663	0.1963	0.0838	0.8597
PD: BAND 1/BAND 3	0.0860	0.0379	0.0860	0.0380	0.9992
PD: BAND 2/BAND 3	0.4468	0.0495	0.4511	0.1025	0.9342
PD VARIABILITY	6.86E-6	7.18E-6	6.49E-6	7.61E-6	0.9394
PDV: BAND 1	4 E-7	6.6 E-7	2.02E-6	4.19E-6	0.4384
PDV: BAND 2	4.04E-5	8.23E-5	7.9 E-6	1.12E-5	0.4294
PDV: BAND 3	4.42E-5	7.13E-5	2.97E-5	2.7 E-5	0.6828
PDV: BAND 1/BAND 2	0.0764	0.0882	0.4249	0.6114	0.2736
PDV: BAND 1/BAND 3	0.0368	0.0537	0.1692	0.2795	0.3539
PDV: BAND 2/BAND 3	1.6105	2.2158	0.6180	0.5835	0.3819

--- = Unable to Perform Statistics

APPENDIX 44

Null Hypothesis 25 (8 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	90.7	17.4	72.2	5.26	0.0765
HR VARIABILITY	4.92	5.82	2.72	2.35	0.4568
R-AMPLITUDE (RA)	1.15	0.462	1.15	0.465	0.9992
RA VARIABILITY	1.75	1.78	1.36	1.10	0.6813
TOTAL POWER (TP)	0.161	0.191	0.0894	0.0770	0.4567
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0658	0.124	0.0172	0.0140	0.4321
TP: BAND 3	0.0885	0.0774	0.0657	0.0713	0.6422
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	0.5365	0.6749	0.5658	0.5141	0.9405
FREQ OF MAX POWER	0.2750	0.1369	0.2750	0.1630	1.0000
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3000	0.1118	0.3250	0.1118	0.7328
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 44 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.3183	0.0856	0.3457	0.0959	0.6462
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3149	0.0613	0.3843	0.0935	0.2026
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	1.77E-4	2.14E-4	3.92E-4	8.05E-4	0.5921
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	4.51E-4	4.05E-4	2.68E-3	5.67E-3	0.4286
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

--- = Unable to Perform Statistics

APPENDIX 44 Continued

Null Hypothesis 25 (16 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	83.4	9.10	73.0	5.66	0.0624
HR VARIABILITY	6.85	9.79	2.89	2.41	0.4253
R-AMPLITUDE (RA)	1.13	0.452	1.14	0.445	0.9557
RA VARIABILITY	2.86	3.59	1.03	0.459	0.3190
TOTAL POWER (TP)	0.227	0.324	0.0957	0.0797	0.4253
TP: BAND 1	0.137	0.279	0.0034	0.0030	0.3434
TP: BAND 2	0.0217	0.0330	0.0175	0.0089	0.8191
TP: BAND 3	0.0619	0.0558	0.0426	0.0281	0.5102
TP: BAND 1/BAND 2	43.308	96.348	0.2011	0.1763	0.3737
TP: BAND 1/BAND 3	1.1065	1.9175	0.0904	0.0639	0.3017
TP: BAND 2/BAND 3	0.5804	0.5889	0.5614	0.3510	0.9522
FREQ OF MAX POWER	0.1875	0.0988	0.3000	0.1734	0.2431
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1750	0.0279	0.1375	0.0279	0.0667
FMP: BAND 3	0.2750	0.0342	0.3375	0.1045	0.2398
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.6400	0.1083	0.4366	0.1416	0.0342

--- = Unable to Perform Statistics

APPENDIX 44 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2551	0.0923	0.3624	0.0922	0.1030
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1587	0.0127	0.1516	0.0201	0.5249
PD: BAND 3	0.3361	0.0670	0.3782	0.0832	0.4044
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4915	0.1220	0.4214	0.1306	0.4067
PD VARIABILITY	1.38E-4	2.16E-4	2.36E-4	4.79E-4	0.6881
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	6.38E-5	1.39E-4	3.19E-6	3.3 E-6	0.3876
PDV: BAND 3	3.36E-4	4.66E-4	3.49E-4	4.86E-4	0.9668
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	0.9568	2.0547	0.3005	0.6298	0.5269

--- = Unable to Perform Statistics

APPENDIX 44 Continued

Null Hypothesis 25 (32 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.7	7.45	73.7	4.08	0.1522
HR VARIABILITY	6.07	8.13	3.17	2.12	0.4790
R-AMPLITUDE (RA)	1.12	0.478	1.16	0.401	0.8790
RA VARIABILITY	3.19	3.70	2.54	2.75	0.7627
TOTAL POWER (TP)	0.201	0.270	0.105	0.0705	0.4790
TP: BAND 1	0.0992	0.2020	0.0059	0.0042	0.3601
TP: BAND 2	0.0257	0.0242	0.0254	0.0164	0.9830
TP: BAND 3	0.0659	0.0529	0.0401	0.0279	0.3625
TP: BAND 1/BAND 2	1.7476	3.1925	0.2375	0.1859	0.3503
TP: BAND 1/BAND 3	0.8559	0.6642	0.1530	0.0943	0.3989
TP: BAND 2/BAND 3	0.4961	0.4101	0.7769	0.5831	0.4043
FREQ OF MAX POWER	0.1688	0.0900	0.2563	0.1615	0.3208
FMP: BAND 1	0.0375	0.0139	0.0437	0.0171	0.5447
FMP: BAND 2	0.1250	0.0382	0.1312	0.0261	0.7707
FMP: BAND 3	0.2812	0.1230	0.3500	0.1277	0.4112
FMP: BAND 1/BAND 2	0.2999	0.0456	0.3633	0.2102	0.5438
FMP: BAND 1/BAND 3	0.1482	0.0666	0.1413	0.0852	0.8901
FMP: BAND 2/BAND 3	0.4857	0.1866	0.4140	0.1586	0.5313

--- = Unable to Perform Statistics

APPENDIX 44 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2397	0.0653	0.3233	0.0920	0.1363
PD: BAND 1	0.0420	0.0058	0.0432	0.0118	0.8428
PD: BAND 2	0.1332	0.0224	0.1374	0.0225	0.7747
PD: BAND 3	0.3043	0.0645	0.3339	0.0637	0.4870
PD: BAND 1/BAND 2	0.3208	0.0565	0.3278	0.1280	0.9137
PD: BAND 1/BAND 3	0.1449	0.0429	0.1346	0.0513	0.7380
PD: BAND 2/BAND 3	0.4581	0.1422	0.4218	0.0926	0.6452
PD VARIABILITY	6.16E-5	6.48E-5	9.8 E-5	1.85E-4	0.6902
PDV: BAND 1	2.39E-6	4.37E-6	3.8 E-7	4.9 E-7	0.3647
PDV: BAND 2	2.31E-5	2.55E-5	1.85E-5	2.1 E-5	0.7656
PDV: BAND 3	4.33E-4	4.26E-4	1.1 E-4	1.21E-4	0.1695
PDV: BAND 1/BAND 2	0.0443	0.0694	0.0160	0.0095	0.4166
PDV: BAND 1/BAND 3	0.0038	0.0061	0.0066	0.0106	0.6220
PDV: BAND 2/BAND 3	0.2508	0.4415	0.4622	0.4670	0.4830

--- = Unable to Perform Statistics

APPENDIX 44 Continued

Null Hypothesis 25 (64 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.0	9.28	74.3	3.30	0.3206
HR VARIABILITY	4.88	5.79	3.40	2.37	0.6104
R-AMPLITUDE (RA)	1.10	0.508	1.14	0.373	0.9098
RA VARIABILITY	3.17	3.54	3.41	1.91	0.8964
TOTAL POWER (TP)	0.162	0.193	0.113	0.0788	0.6104
TP: BAND 1	0.0637	0.116	0.0080	0.0106	0.3461
TP: BAND 2	0.0347	0.0317	0.0215	0.0224	0.4677
TP: BAND 3	0.0513	0.0470	0.0383	0.0292	0.6146
TP: BAND 1/BAND 2	1.3400	0.8581	0.3831	0.1906	0.3149
TP: BAND 1/BAND 3	0.7799	0.8720	0.2423	0.1860	0.2440
TP: BAND 2/BAND 3	0.8248	0.5461	0.5819	0.2651	0.3971
FREQ OF MAX POWER	0.1719	0.0884	0.3688	0.1773	0.0570
FMP: BAND 1	0.0250	0.0085	0.0312	0.0110	0.3466
FMP: BAND 2	0.1343	0.0407	0.1312	0.0236	0.8858
FMP: BAND 3	0.2312	0.0256	0.2812	0.1148	0.3917
FMP: BAND 1/BAND 2	0.2139	0.1289	0.2503	0.1027	0.6347
FMP: BAND 1/BAND 3	0.1121	0.0472	0.1151	0.0339	0.9126
FMP: BAND 2/BAND 3	0.5774	0.1588	0.5146	0.1777	0.5723

--- = Unable to Perform Statistics

APPENDIX 44 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2278	0.0487	0.3379	0.1192	0.0922
PD: BAND 1	0.0335	0.0060	0.0366	0.0078	0.5144
PD: BAND 2	0.1310	0.0194	0.1371	0.0151	0.5973
PD: BAND 3	0.3095	0.0499	0.3156	0.0443	0.8452
PD: BAND 1/BAND 2	0.2609	0.0581	0.2713	0.0674	0.8017
PD: BAND 1/BAND 3	0.1117	0.0313	0.1187	0.0352	0.7470
PD: BAND 2/BAND 3	0.4375	0.1182	0.4443	0.0931	0.9222
PD VARIABILITY	2.33E-5	3 E-5	1.21E-4	2.47E-4	0.4269
PDV: BAND 1	1.24E-5	2.27E-5	3.2 E-7	6.1 E-7	0.3011
PDV: BAND 2	4.32E-5	6.95E-5	1.02E-5	1.69E-5	0.3554
PDV: BAND 3	1.39E-4	1.53E-4	6 E-5	7.31E-5	0.3281
PDV: BAND 1/BAND 2	0.3922	0.7698	0.0447	0.0727	0.3711
PDV: BAND 1/BAND 3	0.0466	0.0576	0.0092	0.0116	0.2233
PDV: BAND 2/BAND 3	1.1082	1.7459	0.3378	0.3435	0.3846

--- = Unable to Perform Statistics

APPENDIX 44 Continued

Null Hypothesis 25 (128 Seconds):
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
HEART RATE (HR)	79.1	12.2	74.4	3.42	0.4484
HR VARIABILITY	3.80	3.83	3.43	2.27	0.8556
R-AMPLITUDE (RA)	1.07	0.539	1.11	0.359	0.8951
RA VARIABILITY	3.91	3.97	3.19	1.20	0.7174
TOTAL POWER (TP)	0.127	0.127	0.114	0.0754	0.8556
TP: BAND 1	0.0395	0.0682	0.0064	0.0071	0.3411
TP: BAND 2	0.0287	0.0263	0.0223	0.0253	0.7036
TP: BAND 3	0.0479	0.0391	0.0429	0.0308	0.8284
TP: BAND 1/BAND 2	1.8853	1.9114	0.4236	0.3029	0.1636
TP: BAND 1/BAND 3	1.3103	1.7325	0.2020	0.1392	0.2263
TP: BAND 2/BAND 3	0.7065	0.3357	0.5188	0.3228	0.3938
FREQ OF MAX POWER	0.0922	0.1009	0.2281	0.2195	0.2438
FMP: BAND 1	0.0140	0.0101	0.0265	0.0203	0.2547
FMP: BAND 2	0.1156	0.0418	0.1546	0.0384	0.1628
FMP: BAND 3	0.2109	0.0240	0.2687	0.0912	0.2349
FMP: BAND 1/BAND 2	0.1547	0.1650	0.1633	0.1026	0.9233
FMP: BAND 1/BAND 3	0.0693	0.0542	0.1055	0.0892	0.4616
FMP: BAND 2/BAND 3	0.5389	0.1485	0.6289	0.2432	0.4999

--- = Unable to Perform Statistics

APPENDIX 44 Continued

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROB
	MEAN	DEV	MEAN	DEV	
PWR DISTRIBUTION	0.2035	0.0723	0.3301	0.1245	0.0846
PD: BAND 1	0.0248	0.0091	0.0284	0.0069	0.5014
PD: BAND 2	0.1296	0.0159	0.1335	0.0114	0.6718
PD: BAND 3	0.2946	0.0425	0.3143	0.0448	0.4956
PD: BAND 1/BAND 2	0.1963	0.0838	0.2155	0.0571	0.6837
PD: BAND 1/BAND 3	0.0860	0.0380	0.0924	0.0294	0.7735
PD: BAND 2/BAND 3	0.4511	0.1025	0.4349	0.0914	0.7984
PD VARIABILITY	6.49E-6	7.61E-6	5.59E-5	1.09E-4	0.3719
PDV: BAND 1	2.02E-6	4.19E-6	1.8 E-7	3.7 E-7	0.3827
PDV: BAND 2	7.9 E-6	1.12E-5	1.81E-5	3.76E-5	0.5868
PDV: BAND 3	2.97E-5	2.7 E-5	3.81E-5	5.75E-5	0.7753
PDV: BAND 1/BAND 2	0.4249	0.6114	0.0184	0.0174	0.2114
PDV: BAND 1/BAND 3	0.1692	0.2795	0.0090	0.0123	0.2696
PDV: BAND 2/BAND 3	0.6180	0.5835	0.8443	1.2591	0.7248

--- = Unable to Perform Statistics

APPENDIX 45

"Pharmacological Studies"
 Static States: Means and Probabilities
 (8 Second Signal)

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
HEART RATE (HR)	138	283	99.4	0.0001
HR VARIABILITY	2.08	7.07	1.91	0.2237
R-AMPLITUDE (RA)	0.907	0.535	0.798	0.1433
RA VARIABILITY	1.46	4.33	0.798	0.1079
TOTAL POWER (TP)	0.068	0.232	0.063	0.2237
TP: BAND 1	---	---	---	---
TP: BAND 2	0.0425	0.160	0.0182	0.1737
TP: BAND 3	0.0150	0.0477	0.0325	0.3401
TP: BAND 1/BAND 2	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---
TP: BAND 2/BAND 3	4.60	2.56	4.33	0.7743
FREQ OF MAX POWER	0.125	0.396	0.240	0.5010
FMP: BAND 1	---	---	---	---
FMP: BAND 2	---	---	---	---
FMP: BAND 3	0.2500	0.2500	0.3125	0.0478
FMP: BAND 1/BAND 2	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---

APPENDIX 45 Continued

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
PWR DISTRIBUTION	0.329	0.598	0.370	0.3199
PD: BAND 1	---	---	---	---
PD: BAND 2	---	---	---	---
PD: BAND 3	0.3347	0.3166	0.3668	0.0277
PD: BAND 1/BAND 2	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---
PD VARIABILITY	1.9 E-5	2.55E-4	4.7 E-5	0.2569
PDV: BAND 1	---	---	---	---
PDV: BAND 2	---	---	---	---
PDV: BAND 3	6.9 E-6	3.63E-5	1.70E-4	0.2460
PDV: BAND 1/BAND 2	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---

APPENDIX 45 Continued

"Pharmacological Studies"
 Static States: Means and Probabilities
 (16 Second Signal)

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
HEART RATE (HR)	150	294	99.1	0.0001
HR VARIABILITY	4.74	7.69	2.49	0.4145
R-AMPLITUDE (RA)	0.864	0.549	0.815	0.2005
RA VARIABILITY	2.68	3.31	1.22	0.3009
TOTAL POWER (TP)	0.157	0.254	0.082	0.4145
TP: BAND 1	0.0982	0.150	0.0286	0.3273
TP: BAND 2	0.0337	0.0646	0.0189	0.3536
TP: BAND 3	0.0131	0.0233	0.0229	0.6473
TP: BAND 1/BAND 2	4.96	6.73	2.92	0.6561
TP: BAND 1/BAND 3	16.5	6.47	3.69	0.1289
TP: BAND 2/BAND 3	2.95	1.96	1.85	0.1747
FREQ OF MAX POWER	0.0625	0.0625	0.1615	0.1741
FMP: BAND 1	---	---	---	---
FMP: BAND 2	0.1302	0.1250	0.1510	0.0753
FMP: BAND 3	0.2500	0.2917	0.2865	0.5038
FMP: BAND 1/BAND 2	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---
FMP: BAND 2/BAND 3	0.5208	0.4583	0.5357	0.2232

APPENDIX 45 Continued

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
PWR DISTRIBUTION	0.180	0.462	0.252	0.2416
PD: BAND 1	---	---	---	---
PD: BAND 2	0.1460	0.1434	0.1510	0.5786
PD: BAND 3	0.3428	0.3482	0.3467	0.9522
PD: BAND 1/BAND 2	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---
PD: BAND 2/BAND 3	0.4270	0.4165	0.4416	0.7021
PD VARIABILITY	1.85E-5	8.46E-5	2.16E-5	0.3855
PDV: BAND 1	---	---	---	---
PDV: BAND 2	1.14E-5	9.58E-5	5.88E-5	0.5514
PDV: BAND 3	1.1 E-6	4.7 E-6	5.77E-5	0.0517
PDV: BAND 1/BAND 2	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---
PDV: BAND 2/BAND 3	23.587	9.315	4.504	0.1418

APPENDIX 45 Continued

"Pharmacological Studies"
 Static States: Means and Probabilities
 (32 Second Signal)

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
HEART RATE (HR)	163	300	97.1	0.0001
HR VARIABILITY	6.81	5.16	2.82	0.4305
R-AMPLITUDE (RA)	0.832	0.597	0.842	0.3114
RA VARIABILITY	3.46	3.82	2.40	0.6569
TOTAL POWER (TP)	0.226	0.171	0.0936	0.4305
TP: BAND 1	0.175	0.109	0.0354	0.1762
TP: BAND 2	0.0328	0.0417	0.0194	0.5949
TP: BAND 3	0.0103	0.0121	0.0257	0.2052
TP: BAND 1/BAND 2	5.00	3.76	3.33	0.6497
TP: BAND 1/BAND 3	19.1	10.7	3.21	0.0929
TP: BAND 2/BAND 3	3.85	2.69	1.96	0.2247
FREQ OF MAX POWER	0.0313	0.0313	0.1042	0.0319
FMP: BAND 1	0.0312	0.0312	0.0442	0.0001
FMP: BAND 2	0.0964	0.0937	0.1484	0.0003
FMP: BAND 3	0.2187	0.2187	0.2656	0.1196
FMP: BAND 1/BAND 2	0.3264	0.3333	0.3111	0.3842
FMP: BAND 1/BAND 3	0.1429	0.1429	0.1804	0.0134
FMP: BAND 2/BAND 3	0.4405	0.4286	0.5856	0.0082

APPENDIX 45 Continued

MEASURE	STATE			
	P-BLOCK	S-STIM	S-BLOCK	PROBS
PWR DISTRIBUTION	0.1177	0.2894	0.2199	0.0426
PD: BAND 1	0.0379	0.0406	0.0447	0.0015
PD: BAND 2	0.1210	0.1238	0.1428	0.0043
PD: BAND 3	0.3139	0.3144	0.3324	0.0264
PD: BAND 1/BAND 2	0.3142	0.3281	0.3177	0.5669
PD: BAND 1/BAND 3	0.1209	0.1293	0.1358	0.0450
PD: BAND 2/BAND 3	0.3857	0.3941	0.4322	0.0307
PD VARIABILITY	1.09E-5	1.13E-5	1.20E-5	0.9930
PDV: BAND 1	1.14E-4	0	5.6 E-6	0.1130
PDV: BAND 2	6.5 E-6	1.83E-5	4.23E-5	0.3851
PDV: BAND 3	4 E-7	7 E-7	4.73E-5	0.0520
PDV: BAND 1/BAND 2	14.66	13.31	1.20	0.4561
PDV: BAND 1/BAND 3	302.1	59.4	4.2	0.2669
PDV: BAND 2/BAND 3	27.14	10.39	13.81	0.5001

APPENDIX 45 Continued

"Pharmacological Studies"
 Static States: Means and Probabilities
 (64 Second Signal)

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
HEART RATE (HR)	174	299	94.2	0.0001
HR VARIABILITY	7.90	2.92	2.78	0.1712
R-AMPLITUDE (RA)	0.822	0.611	0.878	0.2760
RA VARIABILITY	4.61	3.64	4.70	0.8982
TOTAL POWER (TP)	0.263	0.0969	0.0925	0.1712
TP: BAND 1	0.216	0.0681	0.0383	0.0830
TP: BAND 2	0.0306	0.0199	0.0187	0.6448
TP: BAND 3	0.0095	0.0049	0.0254	0.0418
TP: BAND 1/BAND 2	9.39	15.1	3.63	0.3574
TP: BAND 1/BAND 3	72.2	50.2	10.6	0.4061
TP: BAND 2/BAND 3	5.25	3.23	2.38	0.2612
FREQ OF MAX POWER	0.0195	0.0156	0.0638	0.0660
FMP: BAND 1	0.0195	0.0156	0.0182	0.3266
FMP: BAND 2	0.0846	0.0781	0.1302	0.0048
FMP: BAND 3	0.2122	0.2031	0.2552	0.0600
FMP: BAND 1/BAND 2	0.2257	0.2000	0.1604	0.1354
FMP: BAND 1/BAND 3	0.0894	0.0769	0.0768	0.4838
FMP: BAND 2/BAND 3	0.3987	0.3846	0.5269	0.0489

APPENDIX 45 Continued

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
PWR DISTRIBUTION	0.0760	0.1481	0.1839	0.0167
PD: BAND 1	0.0269	0.0252	0.0278	0.5065
PD: BAND 2	0.1111	0.1117	0.1292	0.0113
PD: BAND 3	0.3016	0.3067	0.3187	0.1781
PD: BAND 1/BAND 2	0.2421	0.2258	0.2188	0.5489
PD: BAND 1/BAND 3	0.0891	0.0824	0.0882	0.6530
PD: BAND 2/BAND 3	0.3685	0.3653	0.4082	0.0466
PD VARIABILITY	4.60E-6	1.07E-6	4.77E-6	0.3896
PDV: BAND 1	4.15E-5	4 E-7	3.8 E-6	0.1317
PDV: BAND 2	2.94E-6	2.06E-6	1.43E-5	0.0745
PDV: BAND 3	2 E-7	7 E-8	2.22E-5	0.0205
PDV: BAND 1/BAND 2	19.18	152.11	1.22	0.1800
PDV: BAND 1/BAND 3	2022	988	78	0.4598
PDV: BAND 2/BAND 3	57.69	12.32	33.18	0.4575

APPENDIX 45 Continued

"Pharmacological Studies"
 Static States: Means and Probabilities
 (128 Second Signal)

MEASURE	STATE			
	P-BLOCK	S-STIM	S-BLOCK	PROBS
HEART RATE (HR)	183	287	91.1	0.0001
HR VARIABILITY	6.06	4.85	2.47	0.2834
R-AMPLITUDE (RA)	0.811	0.604	0.900	0.2037
RA VARIABILITY	4.69	3.48	4.25	0.8665
TOTAL POWER (TP)	0.202	0.162	0.0821	0.2834
TP: BAND 1	0.181	0.148	0.0332	0.1098
TP: BAND 2	0.0143	0.0085	0.0160	0.3058
TP: BAND 3	0.0039	0.0018	0.0244	0.0058
TP: BAND 1/BAND 2	13.1	39.0	2.58	0.0171
TP: BAND 1/BAND 3	128	201	9.48	0.1739
TP: BAND 2/BAND 3	6.77	4.84	2.44	0.2806
FREQ OF MAX POWER	0.0130	0.0078	0.0371	0.1914
FMP: BAND 1	0.0130	0.0078	0.0162	0.2204
FMP: BAND 2	0.0768	0.0716	0.1296	0.0007
FMP: BAND 3	0.1973	0.1953	0.2454	0.0250
FMP: BAND 1/BAND 2	0.1658	0.1093	0.1283	0.3855
FMP: BAND 1/BAND 3	0.0660	0.0400	0.0726	0.4070
FMP: BAND 2/BAND 3	0.3894	0.3667	0.5389	0.0021

APPENDIX 45 Continued

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
PWR DISTRIBUTION	0.0517	0.0668	0.1804	0.0013
PD: BAND 1	0.0191	0.0138	0.0222	0.0070
PD: BAND 2	0.1052	0.1043	0.1272	0.0002
PD: BAND 3	0.2978	0.3040	0.3065	0.7233
PD: BAND 1/BAND 2	0.1818	0.1331	0.1770	0.0846
PD: BAND 1/BAND 3	0.0644	0.0459	0.0739	0.0173
PD: BAND 2/BAND 3	0.3537	0.3445	0.4172	0.0003
PD VARIABILITY	7.75E-7	3.35E-7	1.75E-6	0.1778
PDV: BAND 1	2.10E-5	7.9 E-6	1.0 E-6	0.3664
PDV: BAND 2	3.26E-7	1.42E-7	2.68E-6	0.0046
PDV: BAND 3	2 E-8	0	8.48E-6	0.0714
PDV: BAND 1/BAND 2	78.9	677.2	0.5	0.0952
PDV: BAND 1/BAND 3	5354	6639	25	0.3096
PDV: BAND 2/BAND 3	125.68	21.11	16.28	0.3527

APPENDIX 46

"Pharmacological Studies"
Dynamic States: Means and Probabilities
(8 Second Signal)

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
HEART RATE (HR)	191	207	82.6	0.0001
HR VARIABILITY	0.044	0.052	1.90	0.0035
R-AMPLITUDE (RA)	0.793	0.818	0.885	0.8682
RA VARIABILITY	2.11	4.75	0.650	0.2798
TOTAL POWER (TP)	0.0014	0.0017	0.0624	0.0035
TP: BAND 1	---	---	---	---
TP: BAND 2	0.0009	0.0011	0.0168	0.0579
TP: BAND 3	0.0003	0.0003	0.0386	0.0027
TP: BAND 1/BAND 2	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---
TP: BAND 2/BAND 3	3.41	3.86	3.13	0.9468
FREQ OF MAX POWER	0.1979	0.1458	0.2917	0.1293
FMP: BAND 1	---	---	---	---
FMP: BAND 2	---	---	---	---
FMP: BAND 3	0.2500	0.2500	0.3229	0.0472
FMP: BAND 1/BAND 2	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---

APPENDIX 46 Continued

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
PWR DISTRIBUTION	0.517	0.483	0.340	0.3276
PD: BAND 1	---	---	---	---
PD: BAND 2	---	---	---	---
PD: BAND 3	0.3272	0.3178	0.3457	0.4975
PD: BAND 1/BAND 2	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---
PD VARIABILITY	0	0	4.08E-5	0.0061
PDV: BAND 1	---	---	---	---
PDV: BAND 2	---	---	---	---
PDV: BAND 3	0	0	1.82E-4	0.0281
PDV: BAND 1/BAND 2	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---

APPENDIX 46 Continued

"Pharmacological Studies"
 Dynamic States: Means and Probabilities
 (16 Second Signal)

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
HEART RATE (HR)	193	209	83.4	0.0001
HR VARIABILITY	0.230	0.090	2.10	0.0107
R-AMPLITUDE (RA)	0.797	0.827	0.898	0.8449
RA VARIABILITY	2.08	4.40	0.969	0.1037
TOTAL POWER (TP)	0.0076	0.0030	0.0695	0.0107
TP: BAND 1	0.0059	0.0020	0.0107	0.2487
TP: BAND 2	0.0009	0.0006	0.0225	0.0897
TP: BAND 3	0.0004	0.0001	0.0286	0.0032
TP: BAND 1/BAND 2	5.97	7.20	0.515	0.1364
TP: BAND 1/BAND 3	53.6	18.2	1.04	0.4019
TP: BAND 2/BAND 3	3.71	5.20	2.69	0.5944
FREQ OF MAX POWER	0.0781	0.0625	0.2448	0.0001
FMP: BAND 1	---	---	---	---
FMP: BAND 2	0.1354	0.1354	0.1562	0.2467
FMP: BAND 3	0.2500	0.2500	0.3021	0.0106
FMP: BAND 1/BAND 2	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---
FMP: BAND 2/BAND 3	0.5417	0.5417	0.5426	0.9998

APPENDIX 46 Continued

"Pharmacological Studies"
Dynamic States: Means and Probabilities
(32 Second Signal)

MEASURE	STATE			
	P-BLOCK	S-STIM	S-BLOCK	PROBS
HEART RATE (HR)	193	209	82.8	0.0001
HR VARIABILITY	0.308	0.108	2.05	0.0060
R-AMPLITUDE (RA)	0.785	0.800	0.897	0.7947
RA VARIABILITY	3.38	6.20	1.71	0.4306
TOTAL POWER (TP)	0.0102	0.0036	0.0680	0.0060
TP: BAND 1	0.0090	0.0028	0.0102	0.3399
TP: BAND 2	0.0008	0.0003	0.0218	0.0345
TP: BAND 3	0.0001	0.0001	0.0270	0.0019
TP: BAND 1/BAND 2	14.3	8.37	0.778	0.0261
TP: BAND 1/BAND 3	85.8	18.1	0.74	0.1525
TP: BAND 2/BAND 3	10.2	2.58	1.29	0.1993
FREQ OF MAX POWER	0.0365	0.0469	0.1953	0.0006
FMP: BAND 1	0.0312	0.0468	0.0390	0.1277
FMP: BAND 2	0.1016	0.1198	0.1641	0.0018
FMP: BAND 3	0.2187	0.2187	0.3333	0.0034
FMP: BAND 1/BAND 2	0.3153	0.4278	0.2458	0.0909
FMP: BAND 1/BAND 3	0.1429	0.2143	0.1205	0.0096
FMP: BAND 2/BAND 3	0.4643	0.5476	0.5236	0.5119

APPENDIX 46 Continued

MEASURE	STATE			
	P-BLOCK	S-STIM	S-BLOCK	PROBS
PWR DISTRIBUTION	0.1166	0.1824	0.2830	0.0082
PD: BAND 1	0.0354	0.0469	0.0440	0.0016
PD: BAND 2	0.1165	0.1279	0.1516	0.0005
PD: BAND 3	0.3046	0.3285	0.3261	0.4160
PD: BAND 1/BAND 2	0.3075	0.3706	0.2924	0.0195
PD: BAND 1/BAND 3	0.1170	0.1450	0.1359	0.0469
PD: BAND 2/BAND 3	0.3848	0.3908	0.4703	0.0028
PD VARIABILITY	7 E-8	0	1.55E-5	0.0184
PDV: BAND 1	2.8 E-7	3 E-8	2.77E-6	0.4174
PDV: BAND 2	0	0	1.23E-4	0.3460
PDV: BAND 3	0	0	6.95E-5	0.1100
PDV: BAND 1/BAND 2	81.44	10.27	0.07	0.0297
PDV: BAND 1/BAND 3	927.1	37.4	0.2	0.1429
PDV: BAND 2/BAND 3	714.7	7.1	4.3	0.3736

APPENDIX 46 Continued

"Pharmacological Studies"
Dynamic States: Means and Probabilities
(64 Second Signal)

MEASURE	STATE			
	P-BLOCK	S-STIM	S-BLOCK	PROBS
HEART RATE (HR)	194	212	83.5	0.0001
HR VARIABILITY	0.406	0.282	2.14	0.0006
R-AMPLITUDE (RA)	0.799	0.791	0.909	0.7614
RA VARIABILITY	3.04	6.76	2.23	0.4318
TOTAL POWER (TP)	0.0135	0.0094	0.0712	0.0006
TP: BAND 1	0.0122	0.0075	0.0154	0.4405
TP: BAND 2	0.0008	0.0010	0.0193	0.0210
TP: BAND 3	0.0001	0.0003	0.0286	0.0023
TP: BAND 1/BAND 2	26.9	7.83	1.32	0.0010
TP: BAND 1/BAND 3	101	25.9	7.37	0.0007
TP: BAND 2/BAND 3	6.63	3.36	2.33	0.1410
FREQ OF MAX POWER	0.0208	0.0234	0.2018	0.0027
FMP: BAND 1	0.0208	0.0234	0.0273	0.6971
FMP: BAND 2	0.0833	0.0859	0.1380	0.0001
FMP: BAND 3	0.2031	0.2135	0.2500	0.0952
FMP: BAND 1/BAND 2	0.2472	0.2683	0.2048	0.7016
FMP: BAND 1/BAND 3	0.1026	0.1124	0.1150	0.9405
FMP: BAND 2/BAND 3	0.4103	0.4020	0.5666	0.0001

APPENDIX 46 Continued

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
PWR DISTRIBUTION	0.0677	0.1038	0.2541	0.0004
PD: BAND 1	0.0279	0.0287	0.0321	0.6026
PD: BAND 2	0.1041	0.1120	0.1372	0.0002
PD: BAND 3	0.3039	0.2966	0.3161	0.2919
PD: BAND 1/BAND 2	0.2715	0.2583	0.2366	0.7026
PD: BAND 1/BAND 3	0.0949	0.0969	0.1025	0.8850
PD: BAND 2/BAND 3	0.3453	0.3773	0.4362	0.0001
PD VARIABILITY	3 E-8	0	6.64E-6	0.0141
PDV: BAND 1	2.43E-7	6.91E-8	8.32E-7	0.0504
PDV: BAND 2	0	0	2.90E-5	0.1750
PDV: BAND 3	0	0	3.65E-5	0.1612
PDV: BAND 1/BAND 2	582.2	26.4	0.4	0.1692
PDV: BAND 1/BAND 3	1254.8	175.1	11.8	0.0003
PDV: BAND 2/BAND 3	64.99	12.71	15.63	0.1319

APPENDIX 46 Continued

"Pharmacological Studies"
 Dynamic States: Means and Probabilities
 (128 Second Signal)

MEASURE	STATE			
	P-BLOCK	S-STIM	S-BLOCK	PROBS
HEART RATE (HR)	193	219	84.9	0.0001
HR VARIABILITY	0.503	1.25	2.11	0.0128
R-AMPLITUDE (RA)	0.802	0.769	0.922	0.6537
RA VARIABILITY	2.73	7.00	2.92	0.4689
TOTAL POWER (TP)	0.0168	0.0418	0.0702	0.0128
TP: BAND 1	0.0158	0.0380	0.0159	0.0587
TP: BAND 2	0.0007	0.0024	0.0193	0.0165
TP: BAND 3	0.0001	0.0006	0.0281	0.0035
TP: BAND 1/BAND 2	52.5	14.6	1.17	0.0059
TP: BAND 1/BAND 3	172	53.8	4.38	0.0001
TP: BAND 2/BAND 3	6.74	3.85	1.81	0.0693
FREQ OF MAX POWER	0.0124	0.0104	0.1510	0.0067
FMP: BAND 1	0.0123	0.0104	0.0175	0.2988
FMP: BAND 2	0.0814	0.0716	0.1419	0.0001
FMP: BAND 3	0.2246	0.1953	0.2500	0.0883
FMP: BAND 1/BAND 2	0.1591	0.1426	0.1357	0.8720
FMP: BAND 1/BAND 3	0.0600	0.0533	0.0756	0.6108
FMP: BAND 2/BAND 3	0.3803	0.3667	0.5908	0.0031

APPENDIX 46 Continued

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
PWR DISTRIBUTION	0.0410	0.0490	0.2360	0.0001
PD: BAND 1	0.0193	0.0172	0.0270	0.0512
PD: BAND 2	0.1014	0.1024	0.1343	0.0001
PD: BAND 3	0.3050	0.2997	0.3078	0.7737
PD: BAND 1/BAND 2	0.1940	0.1699	0.2033	0.6616
PD: BAND 1/BAND 3	0.0652	0.0575	0.0893	0.0845
PD: BAND 2/BAND 3	0.3342	0.3421	0.4403	0.0001
PD VARIABILITY	1 E-8	2 E-8	3.51E-6	0.0314
PDV: BAND 1	2.78E-7	5.79E-7	6.07E-7	0.6102
PDV: BAND 2	0	0	1.75E-5	0.3017
PDV: BAND 3	0	0	2.24E-5	0.1665
PDV: BAND 1/BAND 2	933.0	36.6	0.6	0.2144
PDV: BAND 1/BAND 3	4557	695	11	0.0013
PDV: BAND 2/BAND 3	129.03	23.88	4.36	0.0945

APPENDIX 47

"Pharmacological Studies"

T-Tests of 3 and 15 Minute Catecholamine Levels
Means, Standard Deviations (DEV), and Probabilities (PROB)

MEASURE	PRE-TREATMENT		POST-TREATMENT		PROBS
	MEAN	DEV	MEAN	DEV	
NOREPINEPHRINE					
DAY 1	1700	1000	1600	1100	0.8955
DAY 2	1100	420	1200	530	0.6743
DAY 3	1100	410	1200	520	0.7154
DAY 4	1300	540	1400	590	0.8581
DAY 5	1200	530	1100	340	0.6734
EPINEPHRINE					
DAY 1	200	68	110	49	0.0194
DAY 2	110	52	110	64	0.8969
DAY 3	140	81	230	110	0.1387
DAY 4	130	71	97	43	0.3264
DAY 5	200	180	580	510	0.1552
DOMPAMINE					
DAY 1	400	54	380	38	0.4911
DAY 2	390	120	390	91	0.9684
DAY 3	420	120	380	91	0.4870
DAY 4	390	32	370	89	0.6819
DAY 5	350	29	360	61	0.6566

APPENDIX 48

Means and Probabilities of the "Pharmacological Studies"
ANOVA of Catecholamine Levels
(3 Minute Sample)

MEASURE	DAY					PROBS
	1	2	3	4	5	
NOREPINEPHRINE	1700	1100	1100	1300	1200	0.4013
EPINEPHRINE	200	110	140	130	180	0.4552
DOPAMINE	400	390	420	390	350	0.6785

APPENDIX 49

Means and Probabilities of the "Pharmacological Studies"
ANOVA of Catecholamine Levels
(15 Minute Sample)

MEASURE	STATE			PROBS
	P-BLOCK	S-STIM	S-BLOCK	
NOREPINEPHRINE	1200	1200	1400	0.8297
EPINEPHRINE	110	230	97	0.0176
DOPAMINE	390	380	370	0.9296

APPENDIX 50

Means of Pre-Treatment "Stressor Paradigm"
(8 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	102	107	110	110	105
HR VARIABILITY	1.22	0.518	2.39	2.51	1.66
R-AMPLITUDE (RA)	1.12	1.08	1.07	0.919	1.17
RA VARIABILITY	4.91	0.50	3.56	3.26	87.3
TOTAL POWER (TP)	0.0400	0.0170	0.0785	0.0825	0.0543
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0176	0.0104	0.0221	0.0367	0.0122
TP: BAND 3	0.0186	0.0049	0.0477	0.0324	0.0322
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.671	2.717	0.746	2.658	1.938
FREQ OF MAX POWER	0.1667	0.1667	0.2708	0.2500	0.2708
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2500	0.2500	0.3333	0.3125	0.2500
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

APPENDIX 50 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.3051	0.2661	0.4178	0.4173	0.4134
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.2966	0.3231	0.3574	0.3349	0.3260
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	6.4 E-5	7 E-6	6.05E-4	2.98E-4	3.00E-4
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	5.8 E-5	3 E-6	6.31E-4	2.31E-4	2.47E-4
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

APPENDIX 50 Continued

Means of Pre-Treatment "Stressor Paradigm"
(16 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	101	105	107	106	104
HR VARIABILITY	0.979	0.765	3.109	3.13	1.73
R-AMPLITUDE (RA)	1.13	1.08	1.08	0.951	1.06
RA VARIABILITY	3.47	0.47	2.34	3.90	64.1
TOTAL POWER (TP)	0.0324	0.0253	0.102	0.104	0.0572
TP: BAND 1	0.0062	0.0086	0.0283	0.0565	0.0091
TP: BAND 2	0.0142	0.0103	0.0310	0.0168	0.0064
TP: BAND 3	0.0091	0.0046	0.0352	0.0240	0.0345
TP: BAND 1/BAND 2	0.555	0.913	1.664	9.957	3.291
TP: BAND 1/BAND 3	0.946	2.180	1.101	4.958	0.989
TP: BAND 2/BAND 3	2.966	2.803	1.057	1.266	0.677
FREQ OF MAX POWER	0.1354	0.1354	0.1979	0.1562	0.2187
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1667	0.1354	0.1771	0.1354	0.1562
FMP: BAND 3	0.2604	0.2500	0.3542	0.2917	0.3021
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.6417	0.5417	0.5387	0.4722	0.5375

APPENDIX 50 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2789	0.2033	0.3096	0.2453	0.3166
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1626	0.1409	0.1685	0.1450	0.1535
PD: BAND 3	0.3305	0.3152	0.3705	0.3428	0.3262
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.5062	0.4561	0.4654	0.4248	0.4755
PD VARIABILITY	4.9 E-5	1.5 E-5	4.69E-4	3.67E-4	1.14E-3
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	2.58E-5	8.4 E-6	1.18E-4	2.88E-5	3.8 E-6
PDV: BAND 3	2.5 E-5	4 E-6	3.72E-4	2.38E-4	1.14E-3
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	7.781	3.238	0.695	1.411	0.613

APPENDIX 50 Continued

Means of Pre-Treatment "Stressor Paradigm"
(32 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	101	104	105	102	106
HR VARIABILITY	1.07	0.854	2.61	2.70	2.19
R-AMPLITUDE (RA)	1.12	1.08	1.10	0.981	0.964
RA VARIABILITY	3.55	0.68	2.54	4.08	42.4
TOTAL POWER (TP)	0.0354	0.0284	0.0866	0.0897	0.0728
TP: BAND 1	0.0082	0.0082	0.0313	0.0423	0.0224
TP: BAND 2	0.0131	0.0106	0.0217	0.0167	0.0105
TP: BAND 3	0.0103	0.0066	0.0277	0.0213	0.0302
TP: BAND 1/BAND 2	0.823	0.854	1.153	3.824	1.947
TP: BAND 1/BAND 3	1.450	1.338	4.232	3.093	2.631
TP: BAND 2/BAND 3	1.939	1.900	2.704	1.195	1.190
FREQ OF MAX POWER	0.0833	0.0885	0.1615	0.1094	0.1927
FMP: BAND 1	0.0468	0.0364	0.0364	0.0312	0.0468
FMP: BAND 2	0.1458	0.1458	0.1250	0.1302	0.1250
FMP: BAND 3	0.2240	0.2500	0.2812	0.2969	0.2604
FMP: BAND 1/BAND 2	0.344	0.283	0.317	0.261	0.411
FMP: BAND 1/BAND 3	0.2113	0.1527	0.1417	0.1161	0.1869
FMP: BAND 2/BAND 3	0.6548	0.5883	0.4554	0.4494	0.4775

APPENDIX 50 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2350	0.2114	0.2291	0.2534	0.2759
PD: BAND 1	0.0465	0.0399	0.0393	0.0395	0.0441
PD: BAND 2	0.1428	0.1421	0.1346	0.1392	0.1353
PD: BAND 3	0.3230	0.3067	0.3378	0.3434	0.3061
PD: BAND 1/BAND 2	0.3249	0.2903	0.3025	0.2923	0.3281
PD: BAND 1/BAND 3	0.1442	0.1319	0.1184	0.1185	0.1441
PD: BAND 2/BAND 3	0.4443	0.4746	0.4019	0.4080	0.4402
PD VARIABILITY	4.2 E-5	3.2 E-5	2.76E-4	1.88E-4	1.39E-3
PDV: BAND 1	1.2 E-6	9 E-7	1.36E-5	2.28E-5	1.29E-5
PDV: BAND 2	1.49E-5	1.07E-5	4.16E-5	2.12E-5	8.8 E-6
PDV: BAND 3	2.2 E-5	1.5 E-5	2.32E-4	1.29E-4	1.16E-3
PDV: BAND 1/BAND 2	0.209	0.156	1.643	0.924	0.973
PDV: BAND 1/BAND 3	0.131	0.129	0.250	2.460	1.000
PDV: BAND 2/BAND 3	3.063	1.293	3.667	1.029	0.672

APPENDIX 50 Continued

Means of Pre-Treatment "Stressor Paradigm"
(64 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	102	105	105	102	108
HR VARIABILITY	1.03	0.944	2.54	3.23	2.73
R-AMPLITUDE (RA)	1.13	1.10	1.10	0.980	0.913
RA VARIABILITY	3.13	3.74	2.18	5.20	25.4
TOTAL POWER (TP)	0.0343	0.0314	0.0845	0.109	0.0906
TP: BAND 1	0.0078	0.0110	0.0327	0.0621	0.0346
TP: BAND 2	0.0108	0.0101	0.0183	0.0130	0.0157
TP: BAND 3	0.0125	0.0066	0.0270	0.0254	0.0308
TP: BAND 1/BAND 2	0.941	1.286	1.519	4.500	4.133
TP: BAND 1/BAND 3	1.973	1.891	3.235	3.933	3.961
TP: BAND 2/BAND 3	2.096	1.608	1.816	0.820	1.843
FREQ OF MAX POWER	0.0964	0.0729	0.1120	0.1016	0.1589
FMP: BAND 1	0.0390	0.0234	0.0364	0.0338	0.0286
FMP: BAND 2	0.1276	0.1510	0.1094	0.1172	0.1250
FMP: BAND 3	0.2109	0.2396	0.2812	0.3307	0.2630
FMP: BAND 1/BAND 2	0.3112	0.1939	0.3519	0.2962	0.2332
FMP: BAND 1/BAND 3	0.1851	0.1053	0.1496	0.1073	0.1077
FMP: BAND 2/BAND 3	0.6018	0.6387	0.4091	0.3658	0.4941

APPENDIX 50 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2128	0.1962	0.2218	0.2068	0.2200
PD: BAND 1	0.0403	0.0342	0.0390	0.0340	0.0314
PD: BAND 2	0.1326	0.1376	0.1261	0.1274	0.1234
PD: BAND 3	0.3100	0.2851	0.3266	0.3397	0.3079
PD: BAND 1/BAND 2	0.3059	0.2525	0.3170	0.2689	0.2595
PD: BAND 1/BAND 3	0.1294	0.1214	0.1230	0.1008	0.1036
PD: BAND 2/BAND 3	0.4314	0.4838	0.3902	0.3806	0.4028
PD VARIABILITY	5.4 E-5	3.3 E-5	3.70E-4	4.04E-4	1.55E-3
PDV: BAND 1	7 E-7	1.1 E-6	2.07E-5	4.14E-5	1.88E-5
PDV: BAND 2	1.60E-5	9.7 E-6	2.15E-5	1.13E-5	4.77E-5
PDV: BAND 3	3.7 E-5	9 E-6	3.27E-4	3.48E-4	1.27E-3
PDV: BAND 1/BAND 2	0.929	0.303	2.541	1.236	1.563
PDV: BAND 1/BAND 3	0.223	0.335	0.629	3.347	1.813
PDV: BAND 2/BAND 3	2.438	1.226	2.175	0.432	3.746

APPENDIX 50 Continued

Means of Pre-Treatment "Stressor Paradigm"
(128 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	103	107	107	105	109
HR VARIABILITY	1.01	1.04	2.76	4.10	3.27
R-AMPLITUDE (RA)	1.15	1.11	1.10	0.968	0.909
RA VARIABILITY	7.41	4.43	3.20	6.89	14.9
TOTAL POWER (TP)	0.0336	0.0346	0.0918	0.137	0.109
TP: BAND 1	0.0097	0.0179	0.0426	0.0818	0.0460
TP: BAND 2	0.0097	0.0082	0.0187	0.0194	0.0200
TP: BAND 3	0.0112	0.0059	0.0243	0.0274	0.0325
TP: BAND 1/BAND 2	1.134	1.920	2.243	4.318	3.174
TP: BAND 1/BAND 3	1.836	2.838	3.167	3.659	4.832
TP: BAND 2/BAND 3	1.581	1.525	1.488	0.862	2.349
FREQ OF MAX POWER	0.0807	0.0508	0.0807	0.1628	0.1549
FMP: BAND 1	0.0312	0.0221	0.0130	0.0169	0.0195
FMP: BAND 2	0.1107	0.1471	0.1198	0.1120	0.1042
FMP: BAND 3	0.2057	0.2109	0.2396	0.3294	0.2721
FMP: BAND 1/BAND 2	0.333	0.197	0.121	0.155	0.212
FMP: BAND 1/BAND 3	0.1554	0.1092	0.0612	0.0542	0.0776
FMP: BAND 2/BAND 3	0.529	0.694	0.512	0.369	0.447

APPENDIX 50 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2048	0.1610	0.1744	0.2067	0.2158
PD: BAND 1	0.0336	0.0282	0.0237	0.0272	0.0260
PD: BAND 2	0.1262	0.1351	0.1221	0.1234	0.1187
PD: BAND 3	0.3011	0.2858	0.3125	0.3351	0.3199
PD: BAND 1/BAND 2	0.2709	0.2107	0.1984	0.2196	0.2245
PD: BAND 1/BAND 3	0.1118	0.0993	0.0784	0.0807	0.0820
PD: BAND 2/BAND 3	0.4222	0.4730	0.3962	0.3738	0.3756
PD VARIABILITY	4.7 E-5	2.2 E-5	2.90E-4	3.88E-4	1.27E-3
PDV: BAND 1	1.0 E-6	1.6 E-6	8.0 E-6	4.82E-5	1.85E-5
PDV: BAND 2	1.14E-5	8.2 E-6	2.14E-5	3.33E-5	5.02E-5
PDV: BAND 3	3.4 E-5	8 E-6	2.56E-4	3.02E-4	1.13E-3
PDV: BAND 1/BAND 2	0.278	0.249	0.472	0.663	2.150
PDV: BAND 1/BAND 3	0.222	0.251	0.366	2.078	0.780
PDV: BAND 2/BAND 3	1.427	1.299	1.005	0.537	6.148

APPENDIX 51

Probabilities of Pre-Treatment "Stressor Paradigm"
Null Hypotheses: Means are Equal

MEASURE	TIME (Seconds)				
	8	16	32	64	128
HEART RATE (HR)	0.9824	0.9900	0.9954	0.9825	0.9869
HR VARIABILITY	0.3902	0.1347	0.0733	0.0040	0.0157
R-AMPLITUDE (RA)	0.9332	0.9750	0.9595	0.9048	0.8632
RA VARIABILITY	0.4014	0.3134	0.1797	0.2106	0.4681
TOTAL POWER (TP)	0.3900	0.1347	0.0733	0.0040	0.0157
TP: BAND 1	---	0.1212	0.2270	0.0265	0.0812
TP: BAND 2	0.4185	0.3156	0.5353	0.8028	0.5867
TP: BAND 3	0.5393	0.3796	0.5011	0.5310	0.3561
TP: BAND 1/BAND 2	---	0.1921	0.0121	0.0067	0.0158
TP: BAND 1/BAND 3	---	0.2051	0.6761	0.6408	0.5810
TP: BAND 2/BAND 3	0.6970	0.2616	0.6574	0.7508	0.7192
FREQ OF MAX POWER	0.6044	0.7797	0.5980	0.8944	0.0747
FMP: BAND 1	---	---	0.2036	0.4996	0.2631
FMP: BAND 2	---	0.0681	0.7201	0.2103	0.3561
FMP: BAND 3	0.1619	0.1649	0.4326	0.1089	0.1352
FMP: BAND 1/BAND 2	---	---	0.6141	0.4955	0.3180
FMP: BAND 1/BAND 3	---	---	0.1808	0.2808	0.1207
FMP: BAND 2/BAND 3	---	0.2386	0.0255	0.0021	0.0477

APPENDIX 51 Continued

MEASURE	TIME (Seconds)				
	8	16	32	64	128
PWR DISTRIBUTION	0.0609	0.2328	0.8617	0.9937	0.8477
PD: BAND 1	---	---	0.4216	0.3205	0.2243
PD: BAND 2	---	0.0228	0.9175	0.3767	0.2299
PD: BAND 3	0.2740	0.3783	0.2582	0.1477	0.2569
PD: BAND 1/BAND 2	---	---	0.8603	0.5258	0.4093
PD: BAND 1/BAND 3	---	---	0.3492	0.3792	0.1065
PD: BAND 2/BAND 3	---	0.5365	0.4559	0.0202	0.0268
PD VARIABILITY	0.5920	0.5388	0.2980	0.3220	0.3796
PDV: BAND 1	---	---	0.3453	0.1420	0.0579
PDV: BAND 2	---	0.2300	0.3897	0.7012	0.7030
PDV: BAND 3	0.5774	0.5254	0.4965	0.5603	0.5291
PDV: BAND 1/BAND 2	---	---	0.5558	0.6941	0.3538
PDV: BAND 1/BAND 3	---	---	0.0235	0.0619	0.0210
PDV: BAND 2/BAND 3	---	0.4798	0.5795	0.7037	0.4924

APPENDIX 52

Means of Post-Treatment "Stressor Paradigm"
(8 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	101	122	124	111	111
HR VARIABILITY	1.01	12.7	9.94	10.8	3.32
R-AMPLITUDE (RA)	1.04	0.961	0.985	1.04	1.04
RA VARIABILITY	18.2	26.5	21.6	5.78	12.0
TOTAL POWER (TP)	0.033	0.418	0.326	0.353	0.109
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.010	0.270	0.190	0.229	0.064
TP: BAND 3	0.016	0.116	0.114	0.0980	0.0369
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.082	4.571	2.947	2.143	2.512
FREQ OF MAX POWER	0.2708	0.1458	0.1875	0.1458	0.2500
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.3333	0.2500	0.2708	0.2500	0.2708
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

APPENDIX 52 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.4673	0.2530	0.3086	0.2897	0.3557
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3582	0.3287	0.3354	0.3207	0.3244
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	6.4 E-5	7 E-6	6.05E-4	2.98E-4	3 E-4
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	5.8 E-5	3 E-6	6.31E-4	2.31E-4	2.47E-4
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

APPENDIX 52 Continued

Means of Post-Treatment "Stressor Paradigm"
(16 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	101	121	122	100	103
HR VARIABILITY	1.07	14.6	8.87	9.38	3.62
R-AMPLITUDE (RA)	1.06	0.932	0.915	0.990	1.07
RA VARIABILITY	13.9	15.0	18.8	7.75	11.7
TOTAL POWER (TP)	0.035	0.482	0.293	0.310	0.120
TP: BAND 1	0.011	0.351	0.146	0.156	0.060
TP: BAND 2	0.0075	0.0696	0.0802	0.0849	0.0317
TP: BAND 3	0.0120	0.0467	0.0498	0.0483	0.0208
TP: BAND 1/BAND 2	3.103	9.807	1.775	16.725	2.814
TP: BAND 1/BAND 3	0.874	12.525	3.444	2.954	4.743
TP: BAND 2/BAND 3	0.856	2.174	2.551	1.786	2.653
FREQ OF MAX POWER	0.1458	0.0625	0.0833	0.0937	0.1146
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1458	0.1250	0.1354	0.1354	0.1562
FMP: BAND 3	0.3021	0.2604	0.2500	0.2917	0.3021
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.5060	0.4833	0.5417	0.4893	0.5167

APPENDIX 52 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.3150	0.1547	0.2245	0.2262	0.2450
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1550	0.1333	0.1431	0.1469	0.1575
PD: BAND 3	0.3637	0.3267	0.3595	0.3426	0.3412
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4298	0.4111	0.4057	0.4359	0.4635
PD VARIABILITY	4.9 E-5	1.5 E-5	4.69E-4	3.67E-4	1.14E-3
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	2.58E-5	8.4 E-6	1.18E-4	2.88E-5	3.8 E-6
PDV: BAND 3	2.5 E-5	4 E-6	3.72E-4	2.38E-4	1.14E-3
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	7.781	3.238	0.695	1.411	0.613

APPENDIX 52 Continued

Means of Post-Treatment "Stressor Paradigm"
(32 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	101	107	111	94.9	98.5
HR VARIABILITY	0.987	13.8	10.1	6.91	3.51
R-AMPLITUDE (RA)	1.09	0.938	0.947	1.01	1.05
RA VARIABILITY	9.51	9.83	14.9	7.16	10.27
TOTAL POWER (TP)	0.033	0.458	0.336	0.229	0.116
TP: BAND 1	0.010	0.337	0.216	0.106	0.059
TP: BAND 2	0.0078	0.0607	0.0505	0.0597	0.0244
TP: BAND 3	0.0109	0.0386	0.0524	0.0477	0.0268
TP: BAND 1/BAND 2	1.166	4.270	4.211	4.051	2.898
TP: BAND 1/BAND 3	1.090	12.256	3.748	2.378	5.964
TP: BAND 2/BAND 3	1.155	1.847	1.092	1.130	2.756
FREQ OF MAX POWER	0.1354	0.0365	0.0521	0.0573	0.1146
FMP: BAND 1	0.0364	0.0364	0.0364	0.0416	0.0416
FMP: BAND 2	0.1094	0.1146	0.1302	0.1302	0.1406
FMP: BAND 3	0.2500	0.2240	0.3021	0.2760	0.2552
FMP: BAND 1/BAND 2	0.3611	0.3250	0.2889	0.3278	0.3000
FMP: BAND 1/BAND 3	0.1557	0.1637	0.1362	0.1562	0.1747
FMP: BAND 2/BAND 3	0.4670	0.5089	0.4646	0.5041	0.5623

APPENDIX 52 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2602	0.1626	0.1901	0.2013	0.2026
PD: BAND 1	0.0411	0.0422	0.0378	0.0420	0.0457
PD: BAND 2	0.1269	0.1210	0.1323	0.1361	0.1408
PD: BAND 3	0.3409	0.3346	0.3410	0.3200	0.3055
PD: BAND 1/BAND 2	0.3321	0.3510	0.2889	0.3127	0.3273
PD: BAND 1/BAND 3	0.1244	0.1268	0.1112	0.1333	0.1523
PD: BAND 2/BAND 3	0.3800	0.3665	0.3885	0.4349	0.4623
PD VARIABILITY	4.2 E-5	3.2 E-5	2.76E-4	1.88E-4	1.39E-3
PDV: BAND 1	1.2 E-6	9 E-7	1.36E-5	2.28E-5	1.29E-5
PDV: BAND 2	1.49E-5	1.07E-5	4.16E-5	2.12E-5	8.8 E-6
PDV: BAND 3	2.2 E-5	1.5 E-5	2.32E-4	1.29E-4	1.16E-3
PDV: BAND 1/BAND 2	0.209	0.156	1.643	0.924	0.973
PDV: BAND 1/BAND 3	0.131	0.129	0.250	2.460	1.000
PDV: BAND 2/BAND 3	3.063	1.293	3.667	1.029	0.672

APPENDIX 52 Continued

Means of Post-Treatment "Stressor Paradigm"
(64 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	101	101	103	94.4	103
HR VARIABILITY	1.09	11.1	8.51	5.58	4.33
R-AMPLITUDE (RA)	1.08	0.932	0.921	1.04	1.04
RA VARIABILITY	15.0	9.52	10.1	6.95	10.8
TOTAL POWER (TP)	0.036	0.370	0.283	0.186	0.144
TP: BAND 1	0.010	0.266	0.175	0.070	0.091
TP: BAND 2	0.0098	0.0500	0.0382	0.0592	0.0192
TP: BAND 3	0.0120	0.0317	0.0524	0.0435	0.0272
TP: BAND 1/BAND 2	1.050	4.350	4.774	5.560	7.585
TP: BAND 1/BAND 3	0.982	13.919	3.547	1.775	10.138
TP: BAND 2/BAND 3	1.204	2.021	0.838	1.385	2.553
FREQ OF MAX POWER	0.0625	0.0260	0.0703	0.1120	0.0208
FMP: BAND 1	0.0442	0.0260	0.0182	0.0286	0.0208
FMP: BAND 2	0.1250	0.1120	0.1172	0.1146	0.1172
FMP: BAND 3	0.2682	0.2734	0.2734	0.3099	0.2266
FMP: BAND 1/BAND 2	0.3775	0.2294	0.1794	0.2591	0.1921
FMP: BAND 1/BAND 3	0.1791	0.1023	0.0741	0.0988	0.0968
FMP: BAND 2/BAND 3	0.510	0.450	0.460	0.376	0.523

APPENDIX 52 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2527	0.1669	0.1819	0.2117	0.1585
PD: BAND 1	0.0402	0.0326	0.0267	0.0340	0.0259
PD: BAND 2	0.1261	0.1146	0.1267	0.1329	0.1257
PD: BAND 3	0.3111	0.3339	0.3378	0.3398	0.3110
PD: BAND 1/BAND 2	0.3218	0.2851	0.2137	0.2560	0.2049
PD: BAND 1/BAND 3	0.1311	0.0983	0.0793	0.1024	0.0857
PD: BAND 2/BAND 3	0.4097	0.3470	0.3755	0.3968	0.4083
PD VARIABILITY	5.4 E-5	3.3 E-5	3.70E-4	4.04E-4	1.55E-3
PDV: BAND 1	7 E-7	1.1 E-6	2.07E-5	4.14E-5	1.88E-5
PDV: BAND 2	1.60E-5	9.7 E-6	2.15E-5	1.13E-5	4.77E-5
PDV: BAND 3	3.7 E-5	9 E-7	3.27E-4	3.48E-4	1.27E-3
PDV: BAND 1/BAND 2	0.929	0.303	2.541	1.236	1.563
PDV: BAND 1/BAND 3	0.223	0.335	0.629	3.347	1.813
PDV: BAND 2/BAND 3	2.438	1.226	2.175	0.432	3.746

APPENDIX 52 Continued

Means of Post-Treatment "Stressor Paradigm"
(128 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	100	99.6	101	96.0	104
HR VARIABILITY	1.06	7.06	6.02	5.32	3.31
R-AMPLITUDE (RA)	1.11	0.938	0.901	1.05	1.03
RA VARIABILITY	12.5	7.38	6.83	7.10	13.5
TOTAL POWER (TP)	0.0354	0.235	0.200	0.177	0.110
TP: BAND 1	0.0127	0.156	0.102	0.069	0.0628
TP: BAND 2	0.0081	0.0341	0.0248	0.0569	0.0166
TP: BAND 3	0.0109	0.0272	0.0561	0.0380	0.0242
TP: BAND 1/BAND 2	2.031	4.064	4.718	3.237	5.446
TP: BAND 1/BAND 3	2.496	10.461	2.337	2.697	7.801
TP: BAND 2/BAND 3	1.033	1.763	0.549	1.504	2.522
FREQ OF MAX POWER	0.0703	0.0143	0.0729	0.0430	0.0143
FMP: BAND 1	0.0273	0.0143	0.0169	0.0221	0.0143
FMP: BAND 2	0.1107	0.1029	0.1029	0.1263	0.0937
FMP: BAND 3	0.2474	0.2448	0.3477	0.2956	0.2839
FMP: BAND 1/BAND 2	0.2778	0.1673	0.1816	0.1743	0.1735
FMP: BAND 1/BAND 3	0.1191	0.0610	0.0484	0.0713	0.0606
FMP: BAND 2/BAND 3	0.4841	0.4681	0.3086	0.4462	0.3670

APPENDIX 52 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2068	0.1696	0.2103	0.2028	0.1783
PD: BAND 1	0.0319	0.0265	0.0252	0.0273	0.0230
PD: BAND 2	0.1237	0.1117	0.1215	0.1285	0.1193
PD: BAND 3	0.3008	0.3271	0.3413	0.3275	0.3227
PD: BAND 1/BAND 2	0.2585	0.2387	0.2088	0.2149	0.1964
PD: BAND 1/BAND 3	0.1087	0.0810	0.0736	0.0854	0.0739
PD: BAND 2/BAND 3	0.4175	0.3450	0.3571	0.3984	0.3749
PD VARIABILITY	4.7 E-5	2.2 E-5	2.90E-4	3.88E-4	1.27E-3
PDV: BAND 1	1.0 E-6	1.6 E-6	8.0 E-6	4.82E-5	1.85E-5
PDV: BAND 2	1.14E-5	8.2 E-6	2.14E-5	3.33E-5	5.02E-5
PDV: BAND 3	3.4 E-5	8 E-6	2.56E-4	3.02E-4	1.13E-3
PDV: BAND 1/BAND 2	0.278	0.249	0.472	0.663	2.150
PDV: BAND 1/BAND 3	0.222	0.251	0.366	2.078	0.780
PDV: BAND 2/BAND 3	1.427	1.299	1.005	0.537	6.148

APPENDIX 53

Probabilities of Post-Treatment "Stressor Paradigm"
Null Hypotheses: Means are Equal

MEASURE	TIME (Seconds)				
	8	16	32	64	128
HEART RATE (HR)	0.5701	0.4448	0.8044	0.9600	0.9850
HR VARIABILITY	0.1238	0.1262	0.1216	0.1169	0.0309
R-AMPLITUDE (RA)	0.9976	0.9695	0.9760	0.9712	0.9519
RA VARIABILITY	0.6607	0.8892	0.9198	0.9223	0.8326
TOTAL POWER (TP)	0.1238	0.1262	0.1216	0.1169	0.0309
TP: BAND 1	---	0.2801	0.2416	0.2771	0.2377
TP: BAND 2	0.2525	0.2701	0.0644	0.0273	0.0694
TP: BAND 3	0.1349	0.1551	0.1020	0.1287	0.0526
TP: BAND 1/BAND 2	---	0.4776	0.6438	0.5027	0.4592
TP: BAND 1/BAND 3	---	0.2342	0.4229	0.3794	0.4056
TP: BAND 2/BAND 3	0.4391	0.7687	0.6236	0.4245	0.3988
FREQ OF MAX POWER	0.1206	0.5963	0.2830	0.4368	0.5128
FMP: BAND 1	---	---	0.9118	0.0050	0.2044
FMP: BAND 2	---	0.3339	0.4828	0.9813	0.6962
FMP: BAND 3	0.0923	0.3540	0.4097	0.6301	0.4975
FMP: BAND 1/BAND 2	---	---	0.8382	0.0418	0.4488
FMP: BAND 1/BAND 3	---	---	0.9186	0.0473	0.0701
FMP: BAND 2/BAND 3	---	0.9017	0.8489	0.6277	0.3667

APPENDIX 53 Continued

MEASURE	TIME (Seconds)				
	8	16	32	64	128
PWR DISTRIBUTION	0.0895	0.0503	0.3900	0.2903	0.9105
PD: BAND 1	---	---	0.5899	0.0033	0.2867
PD: BAND 2	---	0.0570	0.2464	0.1995	0.3757
PD: BAND 3	0.6173	0.5275	0.4567	0.4308	0.5707
PD: BAND 1/BAND 2	---	---	0.6569	0.0017	0.3698
PD: BAND 1/BAND 3	---	---	0.2737	0.0134	0.1415
PD: BAND 2/BAND 3	---	0.5401	0.0960	0.2624	0.2229
PD VARIABILITY	0.5920	0.5388	0.2980	0.3220	0.3796
PDV: BAND 1	---	---	0.3453	0.1420	0.0579
PDV: BAND 2	---	0.2300	0.3897	0.7012	0.7030
PDV: BAND 3	0.5774	0.5254	0.4965	0.5603	0.5291
PDV: BAND 1/BAND 2	---	0.4798	0.5558	0.6941	0.3538
PDV: BAND 1/BAND 3	---	---	0.0235	0.0619	0.0210
PDV: BAND 2/BAND 3	---	---	0.5795	0.7037	0.4924

APPENDIX 54

Means of "Passive Training"
(8 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	111	103	104	102	102
HR VARIABILITY	0.913	0.808	0.975	0.792	0.679
R-AMPLITUDE (RA)	0.982	1.11	0.993	1.10	1.08
RA VARIABILITY	3.17	0.826	1.62	0.801	2.00
TOTAL POWER (TP)	0.030	0.027	0.032	0.026	0.022
TP: BAND 1	---	---	---	---	---
TP: BAND 2	0.0117	0.0080	0.0122	0.0099	0.0069
TP: BAND 3	0.0118	0.0146	0.0151	0.0103	0.0114
TP: BAND 1/BAND 2	---	---	---	---	---
TP: BAND 1/BAND 3	---	---	---	---	---
TP: BAND 2/BAND 3	1.497	3.979	1.348	2.665	0.953
FREQ OF MAX POWER	0.3021	0.2396	0.1667	0.1875	0.2604
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	---	---	---	---	---
FMP: BAND 3	0.2812	0.2917	0.2500	0.2708	0.3021
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	---	---	---	---	---

APPENDIX 54 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.3779	0.3615	0.3452	0.4252	0.3820
PD: BAND 1	---	---	---	---	---
PD: BAND 2	---	---	---	---	---
PD: BAND 3	0.3271	0.3407	0.3184	0.3459	0.3332
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	---	---	---	---	---
PD VARIABILITY	1.07E-4	1.11E-4	7.24E-5	9.53E-5	5.55E-5
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	---	---	---	---	---
PDV: BAND 3	2.54E-5	1.01E-4	5.27E-5	6.97E-5	4.20E-5
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	---	---	---	---	---

APPENDIX 54 Continued

Means of "Passive Training"
(16 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	113	102	105	102	100
HR VARIABILITY	1.41	1.06	1.03	0.826	1.02
R-AMPLITUDE (RA)	0.948	1.11	0.996	1.10	1.10
RA VARIABILITY	3.63	1.80	2.12	1.86	2.23
TOTAL POWER (TP)	0.0465	0.0350	0.0339	0.0273	0.0339
TP: BAND 1	0.0196	0.0091	0.0092	0.0042	0.0054
TP: BAND 2	0.0139	0.0061	0.0110	0.0081	0.0086
TP: BAND 3	0.0070	0.0151	0.0079	0.0087	0.0138
TP: BAND 1/BAND 2	2.091	1.769	1.366	0.968	1.624
TP: BAND 1/BAND 3	4.065	2.205	1.951	3.039	2.519
TP: BAND 2/BAND 3	2.406	1.495	1.720	3.089	1.284
FREQ OF MAX POWER	0.1771	0.1667	0.1146	0.1302	0.1719
FMP: BAND 1	---	---	---	---	---
FMP: BAND 2	0.1667	0.1510	0.1562	0.1615	0.1615
FMP: BAND 3	0.2604	0.2708	0.2604	0.2552	0.2865
FMP: BAND 1/BAND 2	---	---	---	---	---
FMP: BAND 1/BAND 3	---	---	---	---	---
FMP: BAND 2/BAND 3	0.6458	0.5653	0.6000	0.6333	0.5839

APPENDIX 54 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2723	0.2747	0.2811	0.2992	0.2860
PD: BAND 1	---	---	---	---	---
PD: BAND 2	0.1625	0.1532	0.1568	0.1593	0.1584
PD: BAND 3	0.3433	0.3192	0.3282	0.3393	0.3256
PD: BAND 1/BAND 2	---	---	---	---	---
PD: BAND 1/BAND 3	---	---	---	---	---
PD: BAND 2/BAND 3	0.4820	0.4823	0.4848	0.4766	0.4947
PD VARIABILITY	1.17E-4	1.46E-4	5.0 E-5	8.4 E-5	1.35E-4
PDV: BAND 1	---	---	---	---	---
PDV: BAND 2	4.43E-5	6 E-6	1.36E-5	6.6 E-6	7 E-6
PDV: BAND 3	1.81E-5	1.26E-4	1.19E-5	3.47E-5	9.9 E-5
PDV: BAND 1/BAND 2	---	---	---	---	---
PDV: BAND 1/BAND 3	---	---	---	---	---
PDV: BAND 2/BAND 3	5.789	2.138	1.716	7.061	1.261

APPENDIX 54 Continued

Means of "Passive Training"
(32 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	112	104	105	102	101
HR VARIABILITY	1.62	1.73	1.21	1.31	1.05
R-AMPLITUDE (RA)	0.904	1.10	0.982	1.09	1.09
RA VARIABILITY	5.11	2.90	3.23	2.64	2.35
TOTAL POWER (TP)	0.0539	0.0573	0.0401	0.0434	0.0347
TP: BAND 1	0.0254	0.0275	0.0124	0.0134	0.0067
TP: BAND 2	0.0127	0.0070	0.0121	0.0090	0.0091
TP: BAND 3	0.0104	0.0152	0.0082	0.0117	0.0107
TP: BAND 1/BAND 2	2.198	6.875	1.329	2.667	1.347
TP: BAND 1/BAND 3	4.385	4.881	3.145	4.346	1.824
TP: BAND 2/BAND 3	1.516	2.120	2.227	2.240	1.314
FREQ OF MAX POWER	0.1198	0.0937	0.1016	0.1667	0.1484
FMP: BAND 1	0.0390	0.0416	0.0442	0.0416	0.0520
FMP: BAND 2	0.1354	0.1172	0.1328	0.1276	0.1406
FMP: BAND 3	0.2448	0.2396	0.2422	0.2630	0.2500
FMP: BAND 1/BAND 2	0.3111	0.3681	0.3597	0.3486	0.3875
FMP: BAND 1/BAND 3	0.1635	0.1732	0.1817	0.1706	0.2153
FMP: BAND 2/BAND 3	0.5636	0.4900	0.5586	0.5044	0.5952

APPENDIX 54 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.2187	0.2075	0.2408	0.2369	0.2498
PD: BAND 1	0.0415	0.0446	0.0456	0.0424	0.0497
PD: BAND 2	0.1410	0.1364	0.1371	0.1334	0.1420
PD: BAND 3	0.2932	0.3105	0.3039	0.3313	0.3053
PD: BAND 1/BAND 2	0.3001	0.3277	0.3385	0.3214	0.3554
PD: BAND 1/BAND 3	0.1446	0.1453	0.1515	0.1299	0.1655
PD: BAND 2/BAND 3	0.4884	0.4418	0.4564	0.4059	0.4728
PD VARIABILITY	8.8 E-5	2.95E-4	9.5 E-5	2.64E-4	3.51E-4
PDV: BAND 1	9.7 E-6	1.96E-5	2.5 E-6	3.1 E-6	8 E-7
PDV: BAND 2	1.72E-5	4.07E-6	1.39E-5	5.56E-6	9.61E-6
PDV: BAND 3	3.7 E-5	1.77E-4	1.6 E-5	6.7 E-5	3.8 E-5
PDV: BAND 1/BAND 2	1.22	37.31	0.82	3.46	0.38
PDV: BAND 1/BAND 3	2.159	3.391	1.451	3.971	0.510
PDV: BAND 2/BAND 3	1.117	7.414	2.567	2.791	1.242

APPENDIX 54 Continued

Means of "Passive Training"
(64 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	110	103	105	103	101
HR VARIABILITY	1.69	1.58	1.43	1.75	1.05
R-AMPLITUDE (RA)	0.870	1.09	0.990	1.098	1.09
RA VARIABILITY	7.40	3.17	4.81	2.80	3.95
TOTAL POWER (TP)	0.0562	0.0526	0.0475	0.0582	0.0350
TP: BAND 1	0.0261	0.0195	0.0179	0.0244	0.0084
TP: BAND 2	0.0130	0.0091	0.0101	0.0119	0.0091
TP: BAND 3	0.0103	0.0173	0.0100	0.0138	0.0110
TP: BAND 1/BAND 2	2.514	2.371	1.714	2.287	1.197
TP: BAND 1/BAND 3	3.802	2.791	3.898	4.579	1.515
TP: BAND 2/BAND 3	1.657	1.418	2.062	1.771	1.261
FREQ OF MAX POWER	0.0872	0.1250	0.0430	0.0781	0.1107
FMP: BAND 1	0.0273	0.0390	0.0299	0.0260	0.0351
FMP: BAND 2	0.1393	0.1159	0.1289	0.1224	0.1328
FMP: BAND 3	0.2383	0.2448	0.2148	0.2539	0.2357
FMP: BAND 1/BAND 2	0.2158	0.3949	0.2316	0.2369	0.3099
FMP: BAND 1/BAND 3	0.1169	0.1696	0.1378	0.1159	0.1587
FMP: BAND 2/BAND 3	0.6030	0.4852	0.5943	0.5125	0.5853

APPENDIX 54 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.1992	0.2161	0.2008	0.2033	0.2341
PD: BAND 1	0.0313	0.0394	0.0339	0.0313	0.0379
PD: BAND 2	0.1349	0.1294	0.1312	0.1255	0.1340
PD: BAND 3	0.2915	0.3020	0.2914	0.3048	0.3073
PD: BAND 1/BAND 2	0.2355	0.3080	0.2606	0.2531	0.2884
PD: BAND 1/BAND 3	0.1094	0.1322	0.1176	0.1054	0.1265
PD: BAND 2/BAND 3	0.4682	0.4328	0.4549	0.4164	0.4432
PD VARIABILITY	1.15E-4	2.79E-4	1.62E-4	1.8 E-4	1.9 E-4
PDV: BAND 1	5.29E-6	1.04E-5	2.42E-6	5.29E-6	8.1 E-7
PDV: BAND 2	1.45E-5	5.67E-6	6.97E-6	1.39E-5	9.16E-6
PDV: BAND 3	3.6 E-5	1.70E-4	2.8 E-5	8.8 E-5	6.6 E-5
PDV: BAND 1/BAND 2	0.549	3.470	0.375	0.828	0.353
PDV: BAND 1/BAND 3	1.304	1.135	1.126	2.539	0.235
PDV: BAND 2/BAND 3	2.011	1.509	2.586	2.442	0.972

APPENDIX 54 Continued

Means of "Passive Training"
(128 Second Signal)

MEASURE	DAY				
	1	2	3	4	5
HEART RATE (HR)	110	103	105	102	102
HR VARIABILITY	1.73	1.63	1.52	1.66	1.24
R-AMPLITUDE (RA)	0.900	1.09	0.990	1.09	1.11
RA VARIABILITY	7.17	3.77	4.85	3.41	3.96
TOTAL POWER (TP)	0.0576	0.0543	0.0507	0.0553	0.0413
TP: BAND 1	0.0310	0.0206	0.0215	0.0210	0.0175
TP: BAND 2	0.0112	0.0103	0.0118	0.0109	0.0092
TP: BAND 3	0.0090	0.0179	0.0102	0.0154	0.0096
TP: BAND 1/BAND 2	2.831	1.817	1.658	2.108	1.946
TP: BAND 1/BAND 3	4.569	3.269	2.909	4.706	2.809
TP: BAND 2/BAND 3	1.668	1.729	1.709	1.828	1.468
FREQ OF MAX POWER	0.0241	0.0866	0.0397	0.0618	0.0553
FMP: BAND 1	0.0240	0.0345	0.0227	0.0253	0.0325
FMP: BAND 2	0.1263	0.1100	0.1087	0.1348	0.1243
FMP: BAND 3	0.2487	0.2201	0.2044	0.2552	0.2187
FMP: BAND 1/BAND 2	0.2370	0.3986	0.2332	0.2032	0.3215
FMP: BAND 1/BAND 3	0.1049	0.1642	0.1129	0.1099	0.1633
FMP: BAND 2/BAND 3	0.5287	0.5007	0.5287	0.5507	0.6063

APPENDIX 54 Continued

MEASURE	DAY				
	1	2	3	4	5
PWR DISTRIBUTION	0.1748	0.1918	0.1848	0.2084	0.1832
PD: BAND 1	0.0260	0.0340	0.0283	0.0297	0.0326
PD: BAND 2	0.1254	0.1200	0.1203	0.1292	0.1236
PD: BAND 3	0.2886	0.2984	0.2921	0.3049	0.3026
PD: BAND 1/BAND 2	0.2078	0.2878	0.2354	0.2311	0.2657
PD: BAND 1/BAND 3	0.0925	0.1154	0.0980	0.1004	0.1106
PD: BAND 2/BAND 3	0.4394	0.4060	0.4153	0.4300	0.4153
PD VARIABILITY	7.3 E-5	3.83E-4	9.1 E-5	2.06E-4	1.14E-4
PDV: BAND 1	8.41E-6	4.9 E-6	3.02E-6	4.04E-6	2.7 E-6
PDV: BAND 2	8.4 E-6	5.98E-6	9.31E-6	1.08E-5	6.6 E-6
PDV: BAND 3	2.1 E-5	3.43E-4	2.1 E-5	1.36E-4	5.5 E-5
PDV: BAND 1/BAND 2	0.779	0.666	0.329	0.782	0.743
PDV: BAND 1/BAND 3	1.275	0.839	0.437	2.107	0.791
PDV: BAND 2/BAND 3	1.383	1.381	1.566	2.532	1.274

APPENDIX 55

Probabilities of "Passive Training"
Null Hypotheses: Means are Equal

MEASURE	TIME (Seconds)				
	8	16	32	64	128
HEART RATE (HR)	0.6603	0.2922	0.4567	0.6848	0.6730
HR VARIABILITY	0.9185	0.7246	0.5584	0.6583	0.8577
R-AMPLITUDE (RA)	0.0106	0.0140	0.0171	0.0186	0.0153
RA VARIABILITY	0.2376	0.6921	0.4475	0.3592	0.3767
TOTAL POWER (TP)	0.9186	0.7246	0.5584	0.6584	0.8578
TP: BAND 1	---	0.3335	0.2589	0.2842	0.6431
TP: BAND 2	0.8219	0.3805	0.3525	0.6363	0.7865
TP: BAND 3	0.9696	0.6960	0.8216	0.7981	0.6330
TP: BAND 1/BAND 2	---	0.8207	0.2347	0.5802	0.3355
TP: BAND 1/BAND 3	---	0.8715	0.6052	0.5286	0.7085
TP: BAND 2/BAND 3	0.1831	0.3382	0.6536	0.6388	0.9798
FREQ OF MAX POWER	0.2241	0.6221	0.6031	0.5389	0.3361
FMP: BAND 1	---	---	0.2860	0.1580	0.3169
FMP: BAND 2	---	0.7983	0.5594	0.6486	0.4864
FMP: BAND 3	0.4881	0.3677	0.8720	0.6826	0.2368
FMP: BAND 1/BAND 2	---	---	0.7947	0.0498	0.2117
FMP: BAND 1/BAND 3	---	---	0.3377	0.2190	0.2270
FMP: BAND 2/BAND 3	---	0.5437	0.4977	0.4154	0.7415

APPENDIX 55 Continued

MEASURE	TIME (Seconds)				
	8	16	32	64	128
PWR DISTRIBUTION	0.7160	0.9808	0.9037	0.8949	0.9099
PD: BAND 1	---	---	0.2147	0.0313	0.0493
PD: BAND 2	---	0.7814	0.7046	0.6231	0.3013
PD: BAND 3	0.7748	0.5414	0.0903	0.6692	0.7353
PD: BAND 1/BAND 2	---	---	0.4903	0.0715	0.0157
PD: BAND 1/BAND 3	---	---	0.1845	0.1883	0.3109
PD: BAND 2/BAND 3	---	0.9888	0.1025	0.4859	0.6907
PD VARIABILITY	0.9709	0.8823	0.8029	0.9404	0.6645
PDV: BAND 1	---	---	0.3743	0.3603	0.5331
PDV: BAND 2	---	0.1016	0.2500	0.3986	0.6458
PDV: BAND 3	0.8966	0.5748	0.5518	0.7003	0.5383
PDV: BAND 1/BAND 2	---	---	0.2594	0.3377	0.6336
PDV: BAND 1/BAND 3	---	---	0.4739	0.5435	0.4319
PDV: BAND 2/BAND 3	---	0.3243	0.3189	0.7141	0.8232