GROUNDNOISE ANALYSIS

SENTURION SCIENCES INCORPORATED

TULSA, OKLAHOMA

PROJECT: MT. PRINCETON

PREDOMINANT POWER STATUS: 1 PEAKS

INITIAL FREQUENCY: .50 HZ.

FINAL FREQUENCY: 15.00 HZ.

FREQUENCY INTERVAL: .50 HZ.

FREQUENCY ANALYSIS STATUS: 10 INTERVALS SUMMED INITIALLY

RESET TO: 5 INTERVALS

* * * * * POWER SPECTRAL DENSITY INPUT DATA * * * * *

STATION	FREQ1	FREQ2	FREQ3	POWER=	62.0	52.0	41.0	35.5	32.0	30.1	29.4	29.0	29.5	28.0	27.0	27.0	24.8	25.7	25.8
0001	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 3.10	POWER	POWER	POWER	POWER=	25.2	24.8	25.0	25.1	26.0	25.3	25.3	25.0	25.1	24.5	25.0	24.0	23.0	22.5	22.5
Y = 6.05	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	52.0	42.0	30.0	27.0	25.0	23.7	22.2	22.5	21.5	20.8	19.5	17.0	15.0	18.0	17.0
0002	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 3.08	POWER	POWER	POWER	POWER=	17.0	17.5	18.0	16.0	16.5	16.2	15.0	13.5	12.5	12.0	12.5	10.0	10.0	11.5	12.0
Y = 4.10	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	68.0	54.0	43.0	38.0	34.0	32.5	27.5	30.5	27.5	28.3	26.3	27.0	23.9	26.0	26.0
0003	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 3.00	POWER	POWER	POWER	POWER=	25.3	24.0	24.0	23.0	23.5	22.0	24.4	23.0	22.0	22.0	21.0	19.0	19.0	19.0	21.5
Y = 2.05	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	50.0	38.0	26.0	21.0	18.0	15.0	16.0	17.8	16.8	16.0	14.5	12.0	9.0	13.0	12.5
0004	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = .89	POWER	POWER	POWER	POWER=	12.5	12.5	13.0	12.0	10.5	11.0	10.0	8.0	6.0	7.0	8.0	6.0	6.0	6.0	8.0
Y = 6.20	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	66.0	54.0	43.0	39.0	36.0	34.0	29.5	31.0	28.7	29.3	27.0	27.7	24.2	25.0	26.0
0005	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = .61	POWER	POWER	POWER	POWER=	25.7	24.1	24.1	23.0	23.0	21.0	24.0	22.0	21.5	21.0	18.5	16.0	16.4	15.2	19.5
Y = 4.45	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	54.0	42.0	32.0	29.0	27.3	26.3	25.0	26.0	25.3	24.7	24.0	22.2	19.8	21.0	21.0
0006	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = .98	POWER	POWER	POWER	POWER=	20.0	19.0	20.0	18.0	16.5	16.5	17.0	14.0	12.5	11.5	11.5	9.0	9.0	10.0	10.5
Y = 2.20	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	50.0	46.0	44.0	42.0	39.0	38.5	35.8	34.0	34.3	31.9	30.9	30.9	30.0	28.9	28.3
0007	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 5.06	POWER	POWER	POWER	POWER=	28.4	28.2	28.7	29.6	30.0	29.7	29.8	30.0	29.3	28.5	29.6	29.0	29.3	30.0	30.0
Y = 4.08	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	66.0	50.0	40.0	34.5	33.0	33.5	28.0	27.7	28.2	27.5	27.0	26.2	24.0	24.3	25.0
0008	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 4.85	POWER	POWER	POWER	POWER=	24.5	24.5	25.8	26.3	27.5	27.0	27.4	27.0	26.0	25.3	25.4	24.2	23.8	23.0	23.0
Y = 6.05	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	55.0	42.0	33.0	28.0	25.0	29.4	24.4	24.2	24.9	24.9	24.5	24.0	22.5	23.4	24.0
0009	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 7.05	POWER	POWER	POWER	POWER=	23.9	24.5	25.4	26.3	27.0	27.1	28.0	28.4	28.3	28.0	29.0	27.8	27.0	25.3	24.8
Y = 4.04	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	57.0	44.0	34.0	29.5	26.0	26.0	22.5	24.0	24.0	24.1	24.0	23.8	21.8	23.8	25.3
0010	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 6.54	POWER	POWER	POWER	POWER=	25.8	26.0	27.5	29.0	29.6	29.0	29.4	29.3	28.8	28.3	28.9	26.9	25.8	25.0	24.0
Y = 6.00	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	66.0	54.0	44.0	39.0	35.5	33.0	30.2	33.0	33.2	33.5	31.0	31.0	28.4	28.7	29.7
0011	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 5.10	POWER	POWER	POWER	POWER=	29.7	30.0	30.6	31.2	32.0	32.2	32.9	32.0	32.0	31.4	32.0	33.0	30.1	29.9	31.0
Y = 7.90	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	47.0	35.0	34.0	35.0	35.2	37.5	34.0	31.0	29.2	29.6	28.7	28.9	27.5	26.2	27.4
0012	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 7.00	POWER	POWER	POWER	POWER=	27.3	27.5	26.1	26.1	26.1	26.0	26.1	26.3	24.9	24.3	24.5	24.0	22.2	24.0	22.3
Y = 7.91	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	42.0	26.0	24.0	23.0	23.0	22.5	20.0	18.0	16.2	17.0	18.0	17.3	19.8	18.0	15.0
0013	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 9.04	POWER	POWER	POWER	POWER=	17.0	15.1	16.0	20.0	20.0	19.7	20.9	20.0	18.5	16.5	17.8	15.5	14.0	12.0	12.0
Y = 6.05	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	48.0	28.0	26.0	28.0	30.0	31.0	31.0	27.0	24.9	24.0	22.3	21.2	21.0	19.5	17.0
0014	3.20	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 8.90	POWER	POWER	POWER	POWER=	18.1	15.9	15.0	16.3	17.5	16.9	17.0	16.6	16.0	15.0	16.0	14.5	14.0	13.0	11.0
Y = 8.07	33.3	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	50.0	41.0	40.0	38.0	35.5	34.9	33.1	33.0	32.3	34.0	36.5	38.2	38.6	40.8	41.0
0015	8.30	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 11.10	POWER	POWER	POWER	POWER=	42.1	41.6	41.6	41.0	38.8	38.1	37.3	37.8	36.7	35.5	34.6	33.0	32.2	31.0	30.0
Y = 6.10	43.3	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	48.0	36.0	33.0	35.0	36.0	37.4	35.0	32.5	31.2	30.6	30.0	29.0	28.0	26.9	26.2
0016	2.80	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 12.10	POWER	POWER	POWER	POWER=	26.9	26.2	26.4	28.1	28.3	28.4	29.0	29.0	27.0	26.0	26.8	26.0	27.2	26.5	24.9
Y = 8.55	37.5	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	34.0	24.0	22.0	18.7	17.5	16.0	14.0	11.0	13.0	12.5	14.0	14.5	14.5	10.0
0017	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 8.80	POWER	POWER	POWER	POWER=	13.0	10.0	11.0	14.0	13.5	15.0	17.2	19.1	19.8	20.5	24.0	25.0	26.0	24.5	23.5
Y = 1.80	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	34.0	28.0	25.0	23.0	20.2	20.3	19.0	17.0	15.0	14.0	16.1	16.9	19.2	15.0
0018	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 8.78	POWER	POWER	POWER	POWER=	16.2	14.2	13.0	12.5	15.0	13.5	19.0	17.8	17.8	17.0	17.8	17.0	16.5	19.0	15.0
Y = 2.75	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	42.0	20.0	15.0	15.0	13.0	13.0	13.0	11.5	8.0	9.0	10.0	10.0	10.0	10.0	4.0
0019	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 9.50	POWER	POWER	POWER	POWER=	8.0	6.0	6.0	6.0	11.0	9.0	9.0	8.0	7.0	4.0	5.0	4.0	1.0	1.0	1.0
Y = 3.08	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	24.0	19.0	20.0	17.0	16.0	15.0	10.0	5.0	5.0	5.0	8.0	9.0	8.0	5.0
0020	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 9.95	POWER	POWER	POWER	POWER=	8.0	4.0	4.0	5.0	6.0	6.0	7.0	7.0	6.0	6.0	6.0	6.0	4.0	1.0	1.0
Y = 2.55	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	42.0	24.0	18.0	17.0	16.0	15.2	14.0	13.0	10.0	12.0	12.1	13.0	14.0	13.1	12.0
0021	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 10.40	POWER	POWER	POWER	POWER=	13.0	13.0	12.0	14.1	16.0	15.0	17.0	17.0	16.4	16.0	18.1	17.0	15.1	12.0	10.5
Y = 1.58	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	42.0	30.0	30.0	37.0	33.0	29.0	25.6	22.9	21.1	21.0	20.2	21.1	21.1	19.4	17.0
0022	2.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 10.62	POWER	POWER	POWER	POWER=	19.0	17.2	18.0	21.2	23.0	22.9	25.0	25.6	25.5	24.4	24.6	24.2	23.0	21.0	20.0
Y = 2.45	37.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	42.0	24.0	22.0	22.0	22.0	21.4	21.5	21.0	19.5	20.9	22.0	24.0	24.6	24.5	22.1
0023	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 10.15	POWER	POWER	POWER	POWER=	24.0	23.5	24.3	24.6	26.0	26.0	26.2	26.2	25.5	24.2	24.1	23.6	22.5	21.3	20.7
Y = 3.75	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	44.0	26.0	22.0	24.0	22.0	21.0	19.0	18.0	15.0	16.0	16.0	18.0	17.0	17.1	15.0
0024	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 9.65	POWER	POWER	POWER	POWER=	17.2	17.0	15.0	17.0	18.0	16.2	17.5	17.4	16.0	13.4	15.0	13.5	13.0	10.2	11.0
Y = 4.76	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	24.0	18.0	20.0	19.5	18.8	19.0	18.4	18.0	16.1	17.2	19.9	21.0	22.0	22.0
0025	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 4.11	POWER	POWER	POWER	POWER=	22.4	22.1	22.0	22.0	23.0	22.3	23.0	23.0	23.8	23.1	22.1	21.9	20.9	19.0	17.0
Y = 1.55	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	50.0	34.0	26.0	25.0	24.8	24.9	24.0	23.1	23.8	19.5	19.4	20.5	20.9	21.0	20.3
0026	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 5.15	POWER	POWER	POWER	POWER=	20.9	19.9	19.0	18.1	18.9	18.2	20.5	21.0	21.5	20.5	20.4	20.5	20.0	19.5	18.0
Y = 3.09	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	26.0	22.5	23.0	23.7	21.1	22.0	21.0	20.0	18.2	18.5	19.0	20.1	21.1	21.0
0027	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 6.05	POWER	POWER	POWER	POWER=	21.7	21.3	21.0	20.6	21.5	21.7	24.0	24.3	25.0	25.1	25.0	25.4	25.5	25.0	24.0
Y = 3.02	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	28.0	23.0	23.0	23.9	23.4	23.8	23.5	23.4	23.1	23.4	25.0	25.4	27.0	27.1
0028	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 7.90	POWER	POWER	POWER	POWER=	28.1	28.0	27.0	26.0	25.8	25.3	26.5	26.0	25.5	24.5	23.7	23.0	21.8	20.0	16.0
Y = 3.00	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	26.0	18.0	22.0	22.0	21.0	22.2	22.4	22.6	21.0	21.0	22.0	23.0	24.0	23.1
0029	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 8.80	POWER	POWER	POWER	POWER=	24.0	24.1	23.9	23.8	24.5	24.4	25.3	26.0	26.0	25.5	25.5	25.5	25.5	24.9	24.2
Y = 4.35	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	29.0	25.0	27.0	30.5	30.0	27.5	25.4	25.0	24.0	24.0	24.0	24.1	25.0	24.8
0030	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 4.48	POWER	POWER	POWER	POWER=	25.0	24.9	24.2	22.0	21.9	22.0	21.2	22.6	23.0	22.0	21.2	21.5	21.0	19.4	17.8
Y = .80	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	51.0	40.0	32.0	30.0	27.1	25.1	25.3	25.0	24.6	24.0	23.3	23.0	23.8	24.5	25.3
0031	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 4.12	POWER	POWER	POWER	POWER=	25.0	25.3	25.1	25.0	25.0	26.6	27.0	28.3	30.0	31.0	32.2	30.2	31.4	28.5	26.9
Y = 0.00	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	50.0	32.0	24.0	21.0	21.9	19.9	21.0	21.0	21.0	20.0	20.0	19.4	20.0	21.9	22.0
0032	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 3.86	POWER	POWER	POWER	POWER=	22.0	22.0	22.0	22.0	22.0	23.0	25.5	26.1	26.2	27.6	27.7	26.5	26.6	25.4	26.3
Y = .70	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	53.0	36.0	28.0	24.0	21.0	20.0	18.0	18.0	18.5	19.0	19.0	19.0	17.0	17.0	17.0
0033	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = -.40	POWER	POWER	POWER	POWER=	17.0	17.0	18.3	19.0	18.2	19.2	19.0	19.6	19.0	18.0	19.0	19.5	20.0	21.0	23.0
Y = .15	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	46.0	28.0	22.0	17.0	12.0	12.0	9.0	8.0	10.0	12.0	10.5	11.0	8.0	7.0	5.0
0034	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 2.47	POWER	POWER	POWER	POWER=	5.0	8.0	9.0	9.0	9.0	9.0	8.0	6.0	6.0	7.0	8.0	8.0	11.0	12.5	16.0
Y = 7.52	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	58.0	42.0	34.0	28.0	24.0	20.0	16.0	19.4	19.0	19.3	19.2	20.0	16.3	16.0	15.0
0035	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = .51	POWER	POWER	POWER	POWER=	16.3	15.0	16.1	17.0	16.0	16.0	16.4	14.2	12.0	14.0	19.3	21.3	22.5	25.0	27.9
Y = 2.20	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	62.0	46.0	38.0	32.5	30.0	30.0	28.7	29.3	30.0	31.0	31.0	32.5	32.2	32.0	32.0
0036	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 9.00	POWER	POWER	POWER	POWER=	32.7	32.0	32.0	33.0	32.3	31.8	31.3	30.0	28.0	27.4	28.1	28.2	26.8	30.0	32.0
Y = 3.15	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	54.0	40.0	30.0	26.0	24.0	22.4	21.0	21.0	20.0	21.0	21.1	22.0	23.0	19.8	18.5
0037	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 2.74	POWER	POWER	POWER	POWER=	19.0	18.9	19.0	20.0	20.8	20.9	21.2	20.2	20.6	19.0	21.0	21.0	20.5	22.0	24.0
Y = 2.90	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00
STATION	FREQ1	FREQ2	FREQ3	POWER=	56.0	40.0	31.0	26.0	23.0	18.0	18.0	18.0	18.5	18.0	18.3	19.0	15.0	14.5	14.0
0038	0.00	0.00	0.00	FREQ.=	.50	1.00	1.50	2.00	2.50	3.00	3.50	4.00	4.50	5.00	5.50	6.00	6.50	7.00	7.50
X = 9.30	POWER	POWER	POWER	POWER=	16.0	15.0	15.0	17.0	16.5	17.0	17.0	16.0	13.5	14.0	19.0	18.7	21.3	23.5	25.3
Y = 9.80	0.0	0.0	0.0	FREQ.=	8.00	8.50	9.00	9.50	10.00	10.50	11.00	11.50	12.00	12.50	13.00	13.50	14.00	14.50	15.00

THE FOLLOWING ARE PERCENTAGE DEVIATIONS

	INTEGRATED		MEAN		P R E D O M I N A N T				S E C O N D				T H I R D			
STA.	POWER	PCDEV.	FREQ.	PCDEV.	POWER	PCDEV.	FREQ.	PCDEV.	POWER	PCDEV.	FREQ.	PCDEV.	POWER	PCDEV.	FREQ.	PCDEV.
0001	41.2	23.6	6.84	-1.4	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0002	27.6	-17.4	6.12	-11.8	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0003	40.0	20.0	6.51	-6.1	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0004	20.2	-39.6	5.57	-19.7	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0005	39.6	18.8	6.34	-8.6	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0006	30.1	-9.7	5.99	-13.6	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0007	47.2	41.6	7.15	3.1	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0008	41.6	24.6	6.90	-.5	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0009	39.5	18.4	7.40	6.6	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0010	40.1	20.3	7.40	6.6	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0011	48.6	45.6	7.20	3.8	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0012	41.5	24.3	7.06	1.8	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0013	27.4	-17.9	6.97	.5	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0014	30.1	-9.7	6.41	-7.6	33.3	-11.8	3.20	-21.5	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0015	53.9	61.6	7.56	8.9	43.3	14.6	8.30	103.7	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0016	43.3	29.7	7.21	3.9	37.5	-.7	2.80	-31.3	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0017	26.2	-21.6	7.57	9.2	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0018	27.0	-19.1	6.85	-1.2	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0019	13.4	-59.8	5.30	-23.5	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0020	13.3	-60.2	4.94	-28.8	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0021	22.1	-33.8	7.22	4.1	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0022	34.7	4.0	7.23	4.3	37.0	-2.1	2.00	-50.9	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0023	34.2	2.7	7.67	10.6	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0024	25.5	-23.6	6.74	-2.8	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0025	30.8	-7.7	7.61	9.7	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0026	32.0	-4.1	7.04	1.5	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0027	33.0	-1.2	7.68	10.7	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0028	36.3	8.7	7.44	7.3	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0029	34.7	4.1	7.75	11.8	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0030	35.5	6.3	7.12	2.6	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0031	40.1	20.3	7.58	9.3	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0032	34.4	3.1	7.71	11.2	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0033	29.7	-11.1	7.11	2.5	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0034	15.9	-52.3	6.24	-10.1	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0035	29.6	-11.2	6.86	-1.1	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0036	46.3	38.8	7.31	5.3	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0037	32.6	-2.1	7.07	1.9	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0
0038	28.6	-14.3	6.90	-.5	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0	0.0	0.0	0.00	0.0

NO. OF STATIONS 38 4 0 0

	INTEGRATED POWER	MEAN FREQUENCY	P R E D O M I N A N T POWER	FREQUENCY	S E C O N D POWER	FREQUENCY	T H I R D POWER	FREQUENCY
AVERAGE	33.36	6.94	37.77	4.07	0.00	0.00	0.00	0.00
SIGMA	9.37	.67	4.13	2.86	0.00	0.00	0.00	0.00
PER CENT	28.10	9.70	10.94	70.29	0.00	0.00	0.00	0.00
+ SIGMA	42.73	7.61	41.91	6.94	0.00	0.00	0.00	0.00
- SIGMA	23.98	6.26	33.64	1.21	0.00	0.00	0.00	0.00
MIN/STA	13.27/0020	4.94/0020	33.30/0014	2.00/0022	0.00/	0.00/	0.00/	0.00/
MAX/STA	53.91/0015	7.75/0029	43.30/0015	8.30/0015	0.00/	0.00/	0.00/	0.00/

STATISTICAL ANALYSIS OF FREQUENCY COMPONENTS

SPAN IS 4.50 HERTZ.

38 STATIONS

THE FOLLOWING DEVIATIONS ARE ACTUAL VALUES

RANGE OF FREQUENCY→	.50 5.00		5.00 9.50		9.50 14.00		0.00 0.00		0.00 0.00		0.00 0.00		0.00 0.00		0.00 0.00		0.00 0.00		0.00 0.00	
STATION	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.
0001	48.5	11.3	34.8	6.4	33.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0002	37.5	.4	23.6	-4.8	18.2	-10.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0003	50.3	13.1	34.2	5.8	29.7	1.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0004	30.2	-6.9	16.9	-11.4	11.3	-17.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0005	51.4	14.2	34.5	6.1	28.0	-.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0006	40.8	3.6	28.3	-.1	18.3	-10.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0007	53.2	16.0	39.8	11.4	39.8	11.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0008	48.2	11.1	34.2	5.9	35.2	6.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0009	40.6	3.4	32.7	4.3	37.5	9.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0010	40.6	3.4	33.7	5.3	38.6	10.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0011	52.7	15.6	40.7	12.3	43.2	14.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0012	46.4	9.2	37.1	8.7	34.0	5.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0013	30.3	-6.9	23.2	-5.2	24.9	-3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0014	39.3	2.1	25.5	-2.9	21.7	-6.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0015	49.5	12.3	53.7	25.3	49.3	20.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0016	47.3	10.1	37.3	9.0	37.2	8.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0017	28.0	-9.2	16.9	-11.4	26.1	-2.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0018	32.5	-4.6	20.8	-7.6	22.4	-6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0019	20.1	-17.1	10.7	-17.6	9.1	-19.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0020	22.7	-14.5	8.4	-20.0	8.2	-20.4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0021	23.1	-14.1	17.3	-11.1	22.1	-6.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0022	39.0	1.8	26.1	-2.3	32.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0023	30.7	-6.5	31.8	3.4	33.8	5.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0024	29.5	-7.6	22.3	-6.1	21.3	-7.3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0025	28.0	-9.2	28.1	-.2	30.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0026	36.1	-1.1	27.1	-1.3	27.1	-1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0027	31.7	-5.5	27.5	-.9	32.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0028	34.0	-3.2	35.3	7.0	33.6	5.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0029	31.5	-5.7	31.1	2.8	34.1	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0030	38.2	1.0	32.8	4.5	29.5	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0031	40.0	2.8	33.0	4.6	38.8	10.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0032	32.5	-4.7	28.5	.2	34.3	5.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0033	32.9	-4.3	24.0	-4.3	25.6	-2.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0034	22.0	-15.1	11.1	-17.3	10.6	-17.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0035	36.2	-1.0	22.8	-5.6	22.3	-6.2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0036	46.6	9.5	43.3	14.9	40.0	11.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0037	36.3	-.9	27.3	-1.1	27.7	-.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
0038	34.4	-2.8	21.6	-6.7	22.6	-5.9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

RANGE OF FREQUENCY→	.50 5.00	5.00 9.50	9.50 14.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00	0.00 0.00
AVERAGE	37.19	28.37	28.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SIGMA	9.07	9.38	9.62	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PER CENT	24.38	33.04	33.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00
+ SIGMA	46.25	37.75	38.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00
- SIGMA	28.12	19.00	18.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MIN/STA	20.10/0019	8.40/0020	8.17/0020	0.00/	0.00/	0.00/	0.00/	0.00/	0.00/	0.00/
MAX/STA	53.18/0007	53.68/0015	49.26/0015	0.00/	0.00/	0.00/	0.00/	0.00/	0.00/	0.00/

FREQUENCY ANALYSIS RESET TO 5 INTERVALS

STATISTICAL ANALYSIS OF FREQUENCY COMPONENTS

SPAN IS 2.00 HERTZ.

38 STATIONS

THE FOLLOWING DEVIATIONS ARE ACTUAL VALUES

RANGE OF FREQUENCY→	.50 2.50		2.50 4.50		4.50 6.50		6.50 8.50		8.50 10.50		10.50 12.50		12.50 14.50		0.00 0.00		0.00 0.00		0.00 0.00	
STATION	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.	POW.	DEV.
0001	52.6	13.2	35.8	7.4	32.7	7.0	30.4	5.4	30.3	5.1	30.1	4.4	28.6	4.0	0.0	0.0	0.0	0.0	0.0	0.0
0002	41.2	1.8	27.5	-.9	22.7	-3.1	20.5	-4.6	20.2	-5.0	16.5	-9.2	13.3	-11.3	0.0	0.0	0.0	0.0	0.0	0.0
0003	55.8	16.3	36.4	8.0	32.2	6.4	30.4	5.3	28.0	2.8	27.4	1.7	23.8	-.8	0.0	0.0	0.0	0.0	0.0	0.0
0004	35.7	-3.8	19.9	-8.5	16.6	-9.2	14.6	-10.4	14.2	-11.0	9.9	-15.8	7.9	-16.7	0.0	0.0	0.0	0.0	0.0	0.0
0005	56.1	16.6	38.1	9.6	33.1	7.3	30.3	5.2	27.8	2.6	26.5	.8	20.7	-3.9	0.0	0.0	0.0	0.0	0.0	0.0
0006	43.1	3.6	31.1	2.7	28.0	2.2	24.4	-.6	21.7	-3.5	17.2	-8.5	12.1	-12.5	0.0	0.0	0.0	0.0	0.0	0.0
0007	52.9	13.5	43.5	15.1	37.8	12.0	34.4	9.4	35.2	10.0	35.5	9.8	35.1	10.5	0.0	0.0	0.0	0.0	0.0	0.0
0008	52.2	12.7	35.9	7.5	32.0	6.2	29.4	4.4	31.6	6.4	32.0	6.3	29.3	4.7	0.0	0.0	0.0	0.0	0.0	0.0
0009	42.9	3.4	30.9	2.5	29.1	3.3	28.4	3.4	31.3	6.1	33.7	8.0	33.1	8.5	0.0	0.0	0.0	0.0	0.0	0.0
0010	44.7	5.2	29.2	.8	28.4	2.6	29.6	4.6	34.1	8.9	34.8	9.1	32.5	7.9	0.0	0.0	0.0	0.0	0.0	0.0
0011	56.3	16.9	39.2	10.8	37.9	12.1	35.2	10.1	37.5	12.3	38.6	12.9	37.7	13.1	0.0	0.0	0.0	0.0	0.0	0.0
0012	43.5	4.1	40.4	12.0	34.7	8.9	32.5	7.5	31.5	6.3	30.7	5.0	28.5	3.8	0.0	0.0	0.0	0.0	0.0	0.0
0013	31.6	-7.8	24.0	-4.4	21.1	-4.7	20.2	-4.8	22.0	-3.2	23.2	-2.5	18.5	-6.1	0.0	0.0	0.0	0.0	0.0	0.0
0014	36.3	-3.2	34.9	6.5	27.1	1.3	21.9	-3.1	19.6	-5.7	19.7	-6.0	17.5	-7.1	0.0	0.0	0.0	0.0	0.0	0.0
0015	48.5	9.1	40.5	12.1	43.2	17.5	49.2	24.2	48.4	23.2	44.6	18.9	39.9	15.3	0.0	0.0	0.0	0.0	0.0	0.0
0016	43.8	4.3	41.5	13.1	35.8	10.0	32.1	7.1	33.0	7.8	33.7	8.0	31.9	7.3	0.0	0.0	0.0	0.0	0.0	0.0
0017	33.7	-5.7	18.7	-9.7	15.7	-10.1	14.9	-10.1	15.3	-9.9	22.2	-3.5	29.2	4.6	0.0	0.0	0.0	0.0	0.0	0.0
0018	36.4	-3.0	23.8	-4.6	18.6	-7.2	19.8	-5.3	16.3	-8.9	21.0	-4.7	20.8	-3.8	0.0	0.0	0.0	0.0	0.0	0.0
0019	23.2	-16.2	14.4	-14.0	11.4	-14.4	9.0	-16.0	9.1	-16.1	9.1	-16.6	3.7	-20.9	0.0	0.0	0.0	0.0	0.0	0.0
0020	28.3	-11.1	15.6	-12.8	7.5	-18.3	8.2	-16.8	6.0	-19.2	7.8	-17.9	5.8	-18.8	0.0	0.0	0.0	0.0	0.0	0.0
0021	26.4	-13.1	16.6	-11.8	14.7	-11.1	15.5	-9.6	16.8	-8.4	19.8	-5.9	19.3	-5.4	0.0	0.0	0.0	0.0	0.0	0.0
0022	40.3	.9	31.4	3.0	25.0	-.8	22.4	-2.7	24.7	-.5	29.9	4.2	28.3	3.7	0.0	0.0	0.0	0.0	0.0	0.0
0023	30.0	-9.5	25.4	-3.0	26.7	.9	28.4	3.3	29.9	4.7	30.9	5.2	27.9	3.3	0.0	0.0	0.0	0.0	0.0	0.0
0024	31.5	-8.0	22.9	-5.5	19.8	-6.0	19.9	-5.2	20.0	-5.2	19.7	-6.0	16.0	-8.6	0.0	0.0	0.0	0.0	0.0	0.0
0025	28.4	-11.0	22.5	-5.9	21.8	-4.0	26.4	1.3	26.8	1.5	27.7	2.0	25.8	1.2	0.0	0.0	0.0	0.0	0.0	0.0
0026	36.7	-2.7	28.9	.5	24.5	-1.3	24.8	-.3	22.5	-2.7	24.7	-1.0	24.3	-.3	0.0	0.0	0.0	0.0	0.0	0.0
0027	31.9	-7.5	25.8	-2.6	22.7	-3.1	25.3	.3	25.4	.2	29.0	3.3	30.3	5.7	0.0	0.0	0.0	0.0	0.0	0.0
0028	32.7	-6.8	28.3	-.1	28.8	3.0	32.7	7.6	31.6	6.4	30.9	5.2	27.2	2.6	0.0	0.0	0.0	0.0	0.0	0.0
0029	30.0	-9.5	26.4	-2.0	26.0	.2	28.4	3.3	28.9	3.7	30.7	5.0	30.5	5.9	0.0	0.0	0.0	0.0	0.0	0.0
0030	35.8	-3.7	33.2	4.8	29.0	3.2	29.8	4.7	27.5	2.2	26.6	.9	25.3	.7	0.0	0.0	0.0	0.0	0.0	0.0
0031	42.3	2.9	30.4	2.0	28.3	2.6	29.8	4.8	30.3	5.1	34.2	8.5	37.1	12.5	0.0	0.0	0.0	0.0	0.0	0.0
0032	33.9	-5.6	25.0	-3.4	24.0	-1.8	26.1	1.0	26.5	1.3	30.9	5.2	32.2	7.6	0.0	0.0	0.0	0.0	0.0	0.0
0033	37.5	-2.0	22.7	-5.7	22.4	-3.4	20.4	-4.6	22.1	-3.1	22.9	-2.8	23.4	-1.2	0.0	0.0	0.0	0.0	0.0	0.0
0034	28.8	-10.7	12.0	-16.4	12.7	-13.0	7.5	-17.5	10.6	-14.6	8.4	-17.3	11.0	-13.6	0.0	0.0	0.0	0.0	0.0	0.0
0035	43.5	4.0	23.1	-5.3	22.8	-2.9	18.9	-6.2	19.4	-5.8	17.3	-8.4	24.8	.2	0.0	0.0	0.0	0.0	0.0	0.0
0036	48.7	9.3	35.4	7.0	37.7	11.9	38.6	13.6	38.8	13.5	35.7	10.0	33.5	8.9	0.0	0.0	0.0	0.0	0.0	0.0
0037	40.5	1.0	25.9	-2.5	25.7	-.1	23.5	-1.6	23.9	-1.3	24.6	-1.1	24.9	.3	0.0	0.0	0.0	0.0	0.0	0.0
0038	40.9	1.5	22.4	-6.0	21.6	-4.2	17.8	-7.2	19.3	-5.9	18.6	-7.1	23.3	-1.3	0.0	0.0	0.0	0.0	0.0	0.0

RANGE OF FREQUENCY→	.50 2.50	2.50 4.50	4.50 6.50	6.50 8.50	8.50 10.50	10.50 12.50	12.50 14.50	0.00 0.00	0.00 0.00	0.00 0.00
AVERAGE	39.45	28.41	25.79	25.05	25.22	25.70	24.61	0.00	0.00	0.00
SIGMA	8.94	8.04	7.98	8.56	8.67	8.71	8.90	0.00	0.00	0.00
PER CENT	22.65	28.30	30.93	34.17	34.40	33.89	36.16	0.00	0.00	0.00
+ SIGMA	48.39	36.45	33.77	33.60	33.89	34.41	33.51	0.00	0.00	0.00
- SIGMA	30.51	20.37	17.81	16.49	16.54	16.99	15.71	0.00	0.00	0.00
MIN/STA	23.25/0019	12.00/0034	7.50/0020	7.50/0034	6.00/0020	7.80/0020	3.75/0019	0.00/	0.00/	0.00/
MAX/STA	56.32/0011	43.48/0007	43.24/0015	49.20/0015	48.37/0015	44.58/0015	39.91/0015	0.00/	0.00/	0.00/

-----END OF RUN-----