

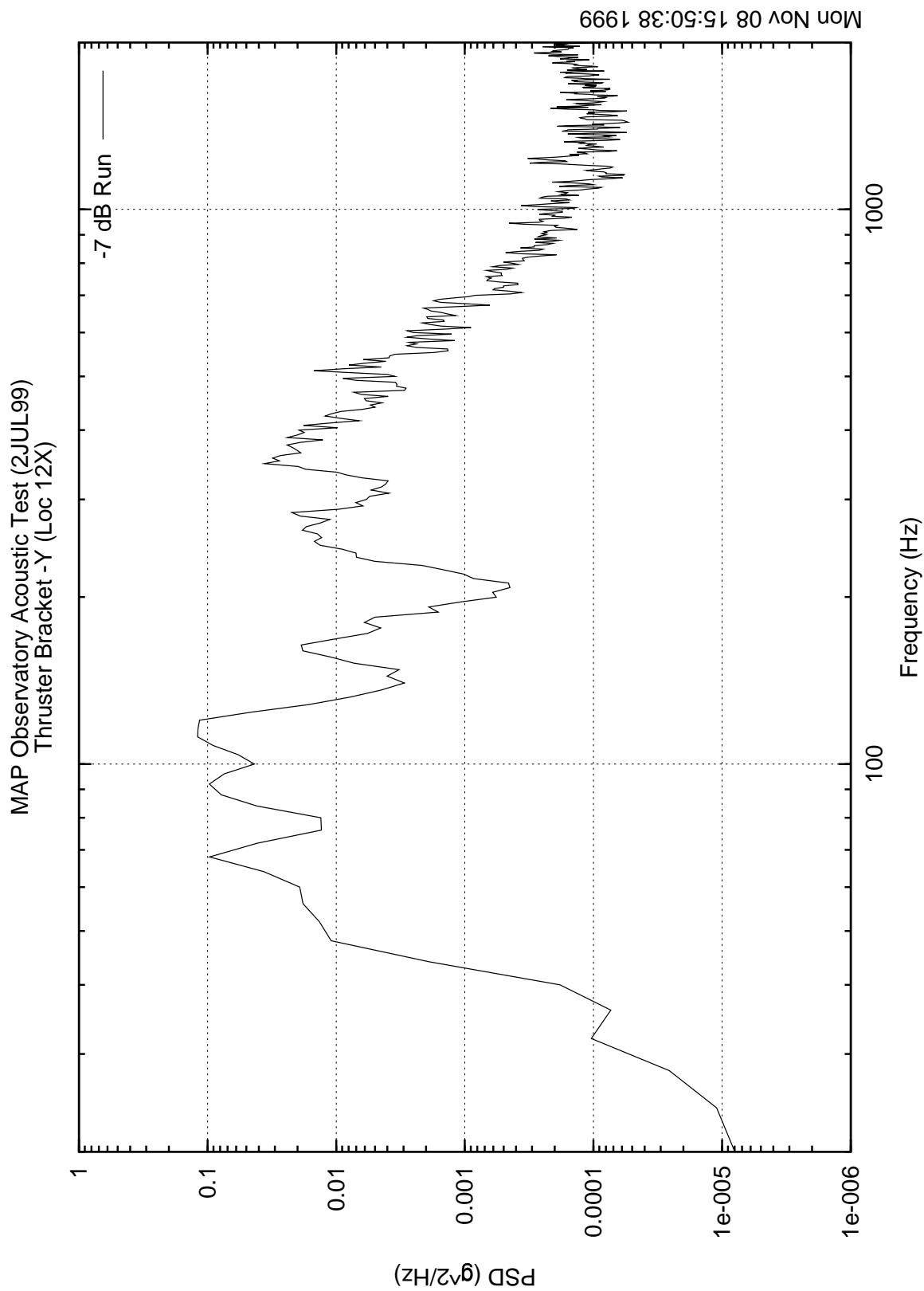
APPENDIXC
MAP“Intermediate”ObservatoryAcousticTest
July1999

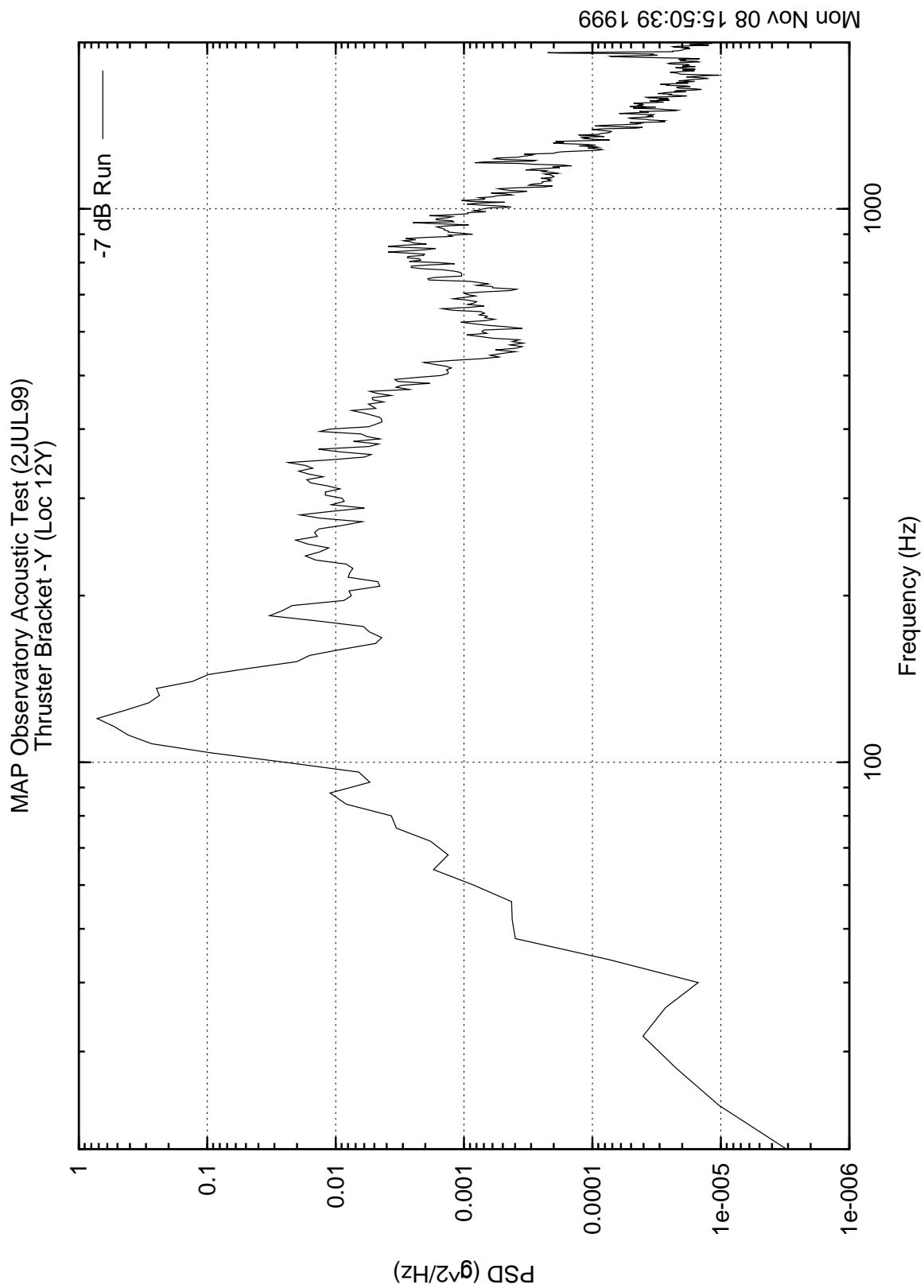
- AcousticTestLevels
- TopDeckAccelerometerPSDData

MAP Observatory Acoustic Test Levels

One-Third Octave Center Frequency(Hz)	Flight Level (dB)	Protoflight Level(dB)
31.5	117.9	120.9
40	121	124
50	125	128
63	126.6	129.6
80	127.2	130.2
100	128.3	131.3
125	127.8	130.8
160	124.9	127.9
200	126.5	129.5
250	130.6	133.6
315	128.6	131.6
400	126.7	129.7
500	127	130
630	125	128
800	122	125
1000	120	123
1250	118	121
1600	117	120
2000	116.5	119.5
2500	116	119
3150	115	118
4000	113.5	116.5
5000	111	114
6300	107	110
8000	103	106
10000	100	103
OASPL	138.6	141.6

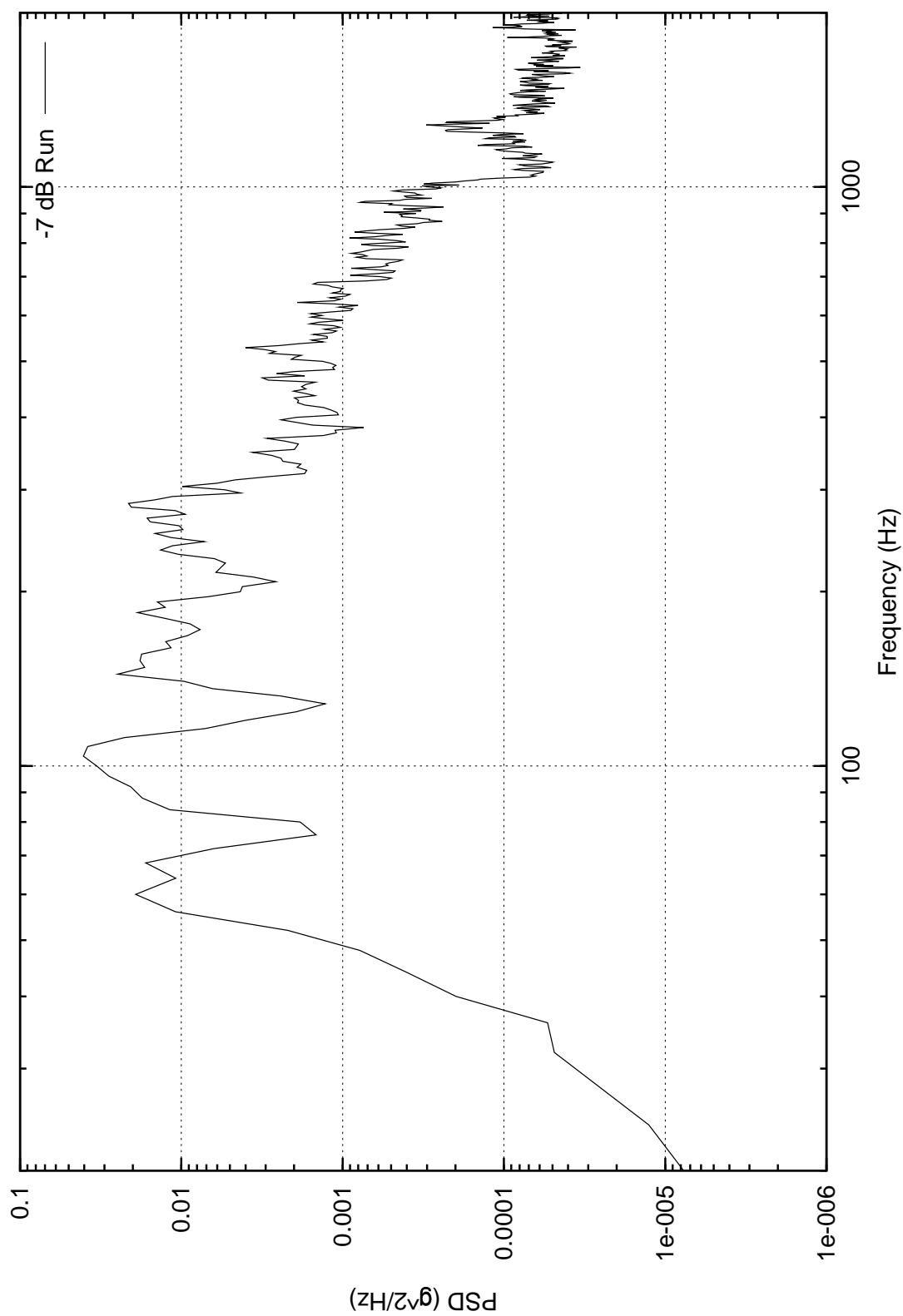
Acoustic test duration=30 second

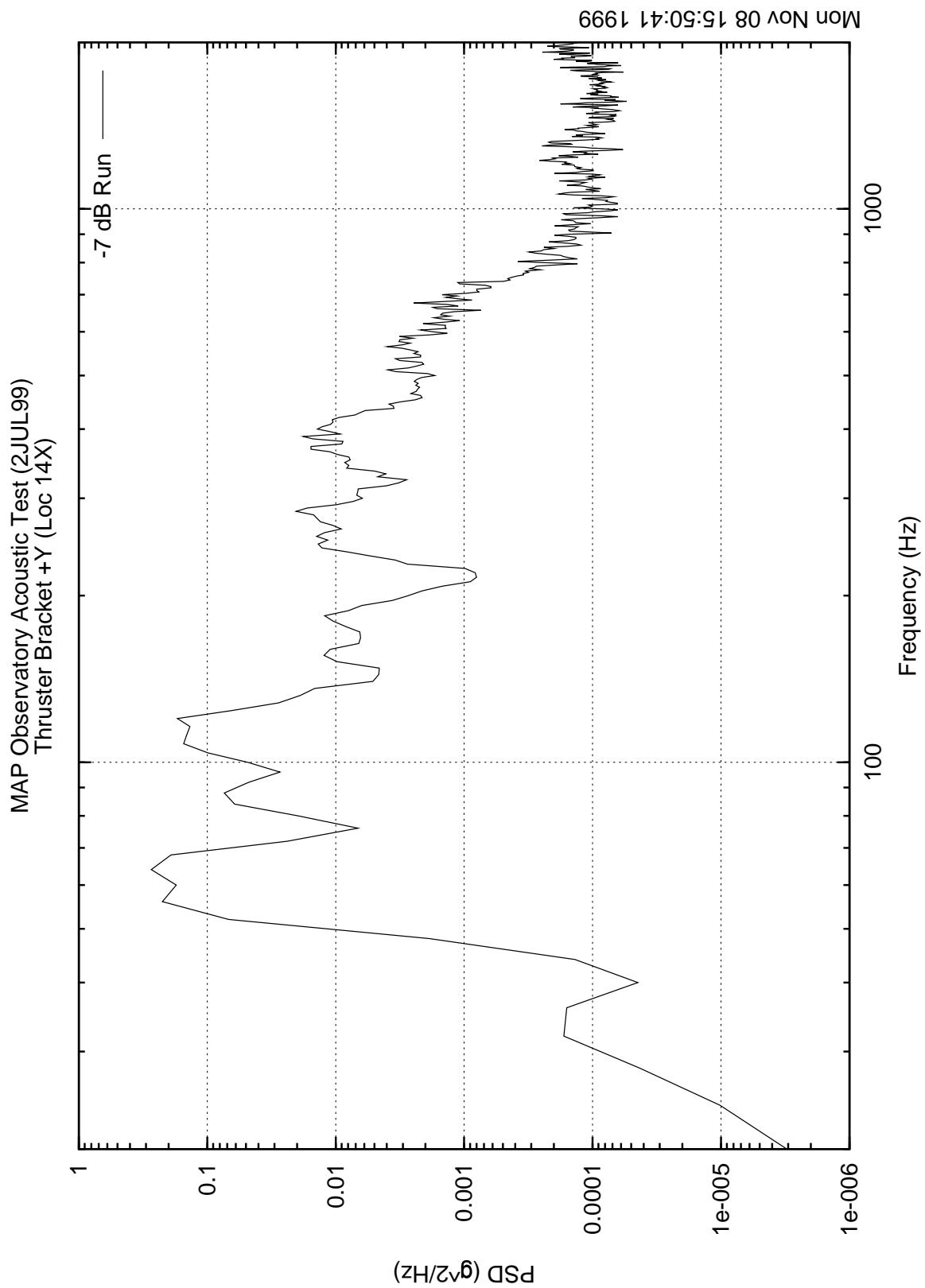


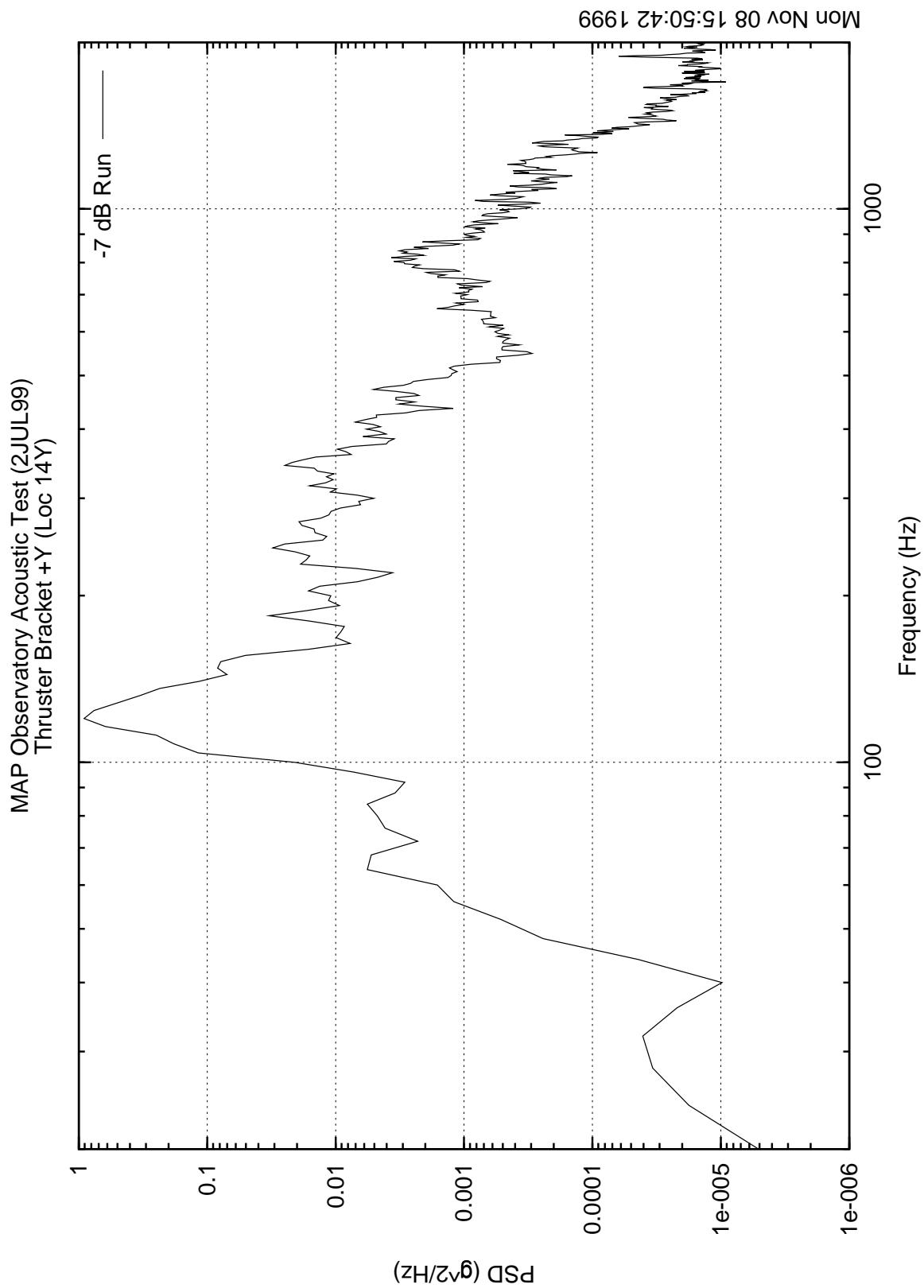


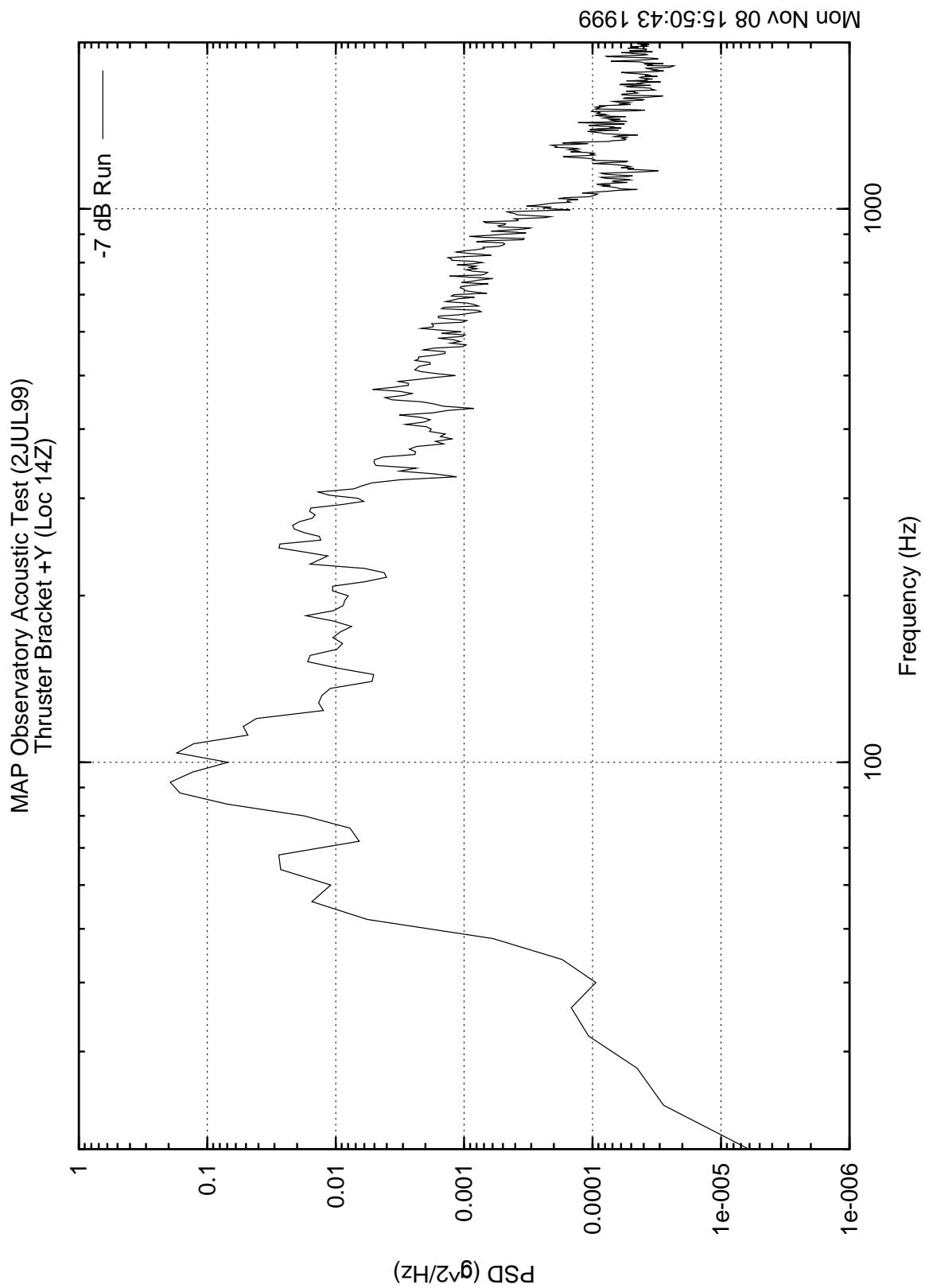
MAP Observatory Acoustic Test (2JUL99)
Thruster Bracket -Y (Loc 12Z)

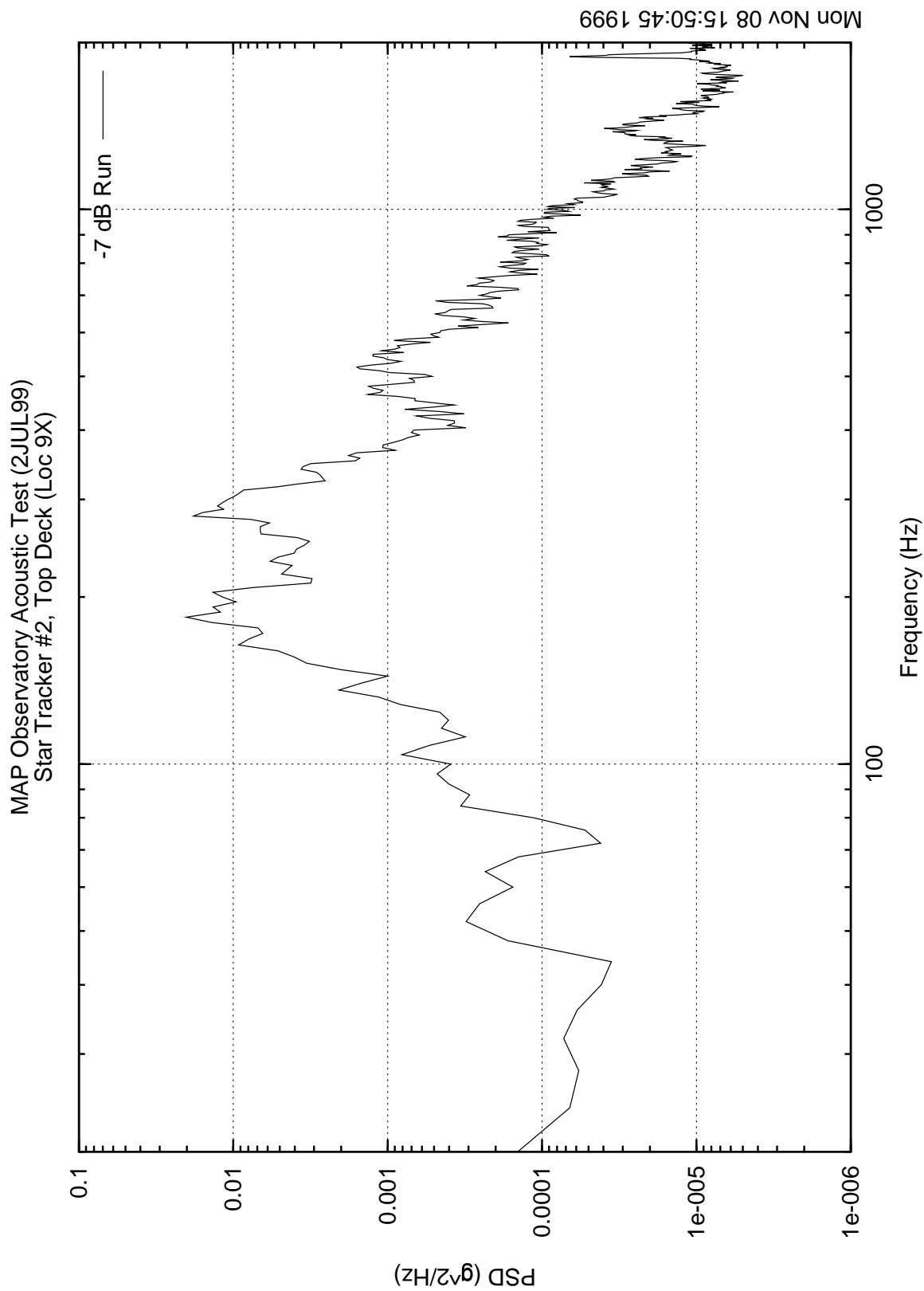
Mon Nov 08 15:50:40 1999





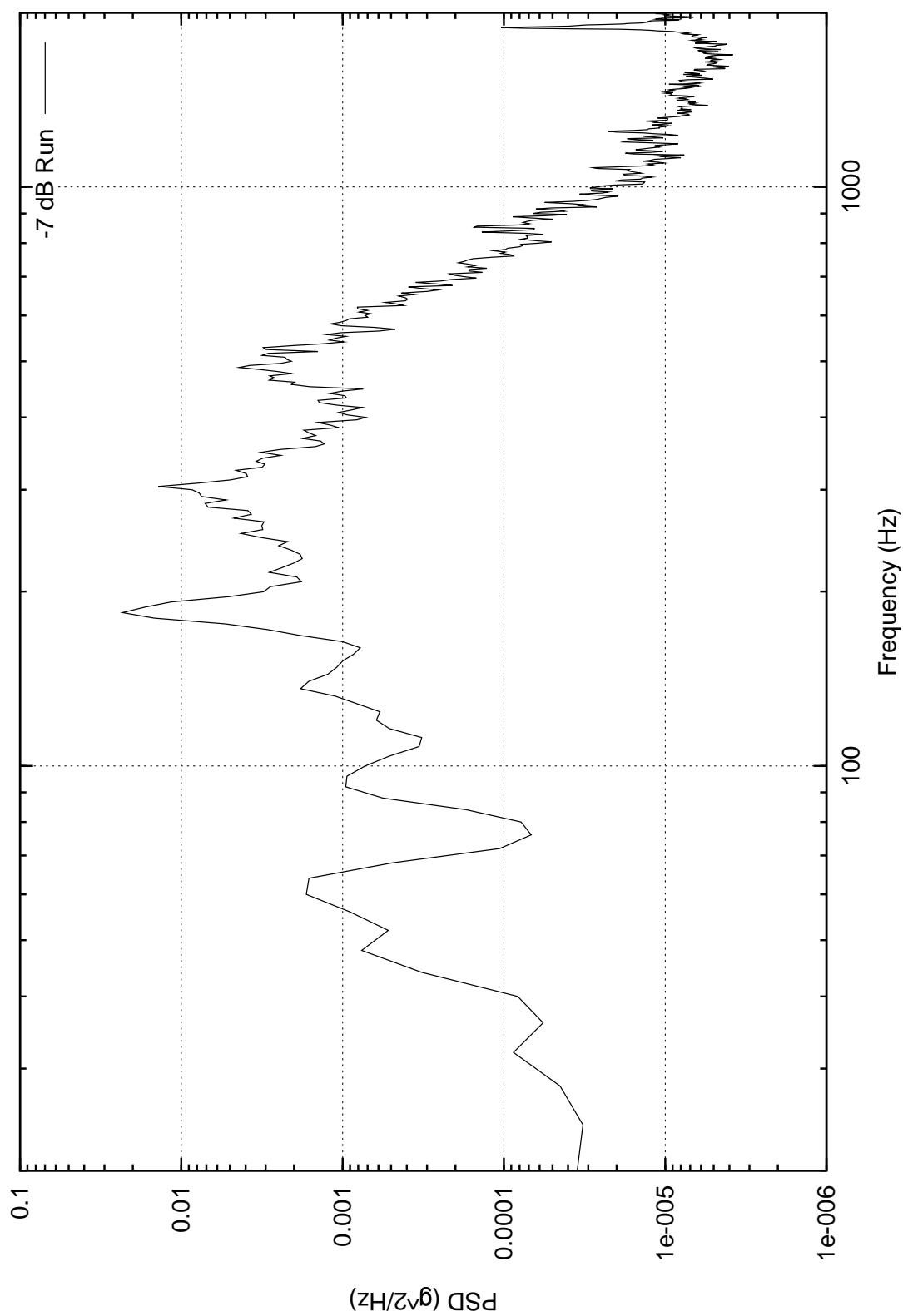






MAP Observatory Acoustic Test (2JUL99)
Star Tracker #2, Top Deck (Loc 9Y)

Mon Nov 08 15:50:46 1999



MAP Observatory Acoustic Test (2JUL99)
Star Tracker #2, Top Deck (Loc 9Z)

Mon Nov 08 15:50:47 1999

