LIGO Livingston (L1) LIGO Hanford (H1) Q = 10.63, p = 0.12, energy peak = 72.96,Q = 10.97, p = 0.103, energy peak = 104.28,energy density = 23.94, TF area = 4.22energy density = 33.37, TF area = 6.4390 60 256Frequency [Hz] 75 50 128 60 40 45 30 64 30 20 32 -15 10 Q = 7.11, p = 0, energy peak = 76.4,Q = 6.63, p = 0, energy peak = 47.29,energy density = 18.41, TF area = 5.31energy density = 27.08, TF area = 7.6690 60 Frequency [Hz] 75 50 60 40 4530 64 30 20 32 10 15 Data Data 5.0 Whitened amplitude 5.0 -Filtered with Q Filtered with Q Filtered with Qp Filtered with Qp 2.5 2.5 0.0 0.0 -2.5-2.5-5.0-5.00.1000.1250.100 0.125 $0.050 \quad 0.075$ 0.1500.0250.0500.0750.1500.2000.0000.0250.1750.2000.0000.175Time [s] Time [s]