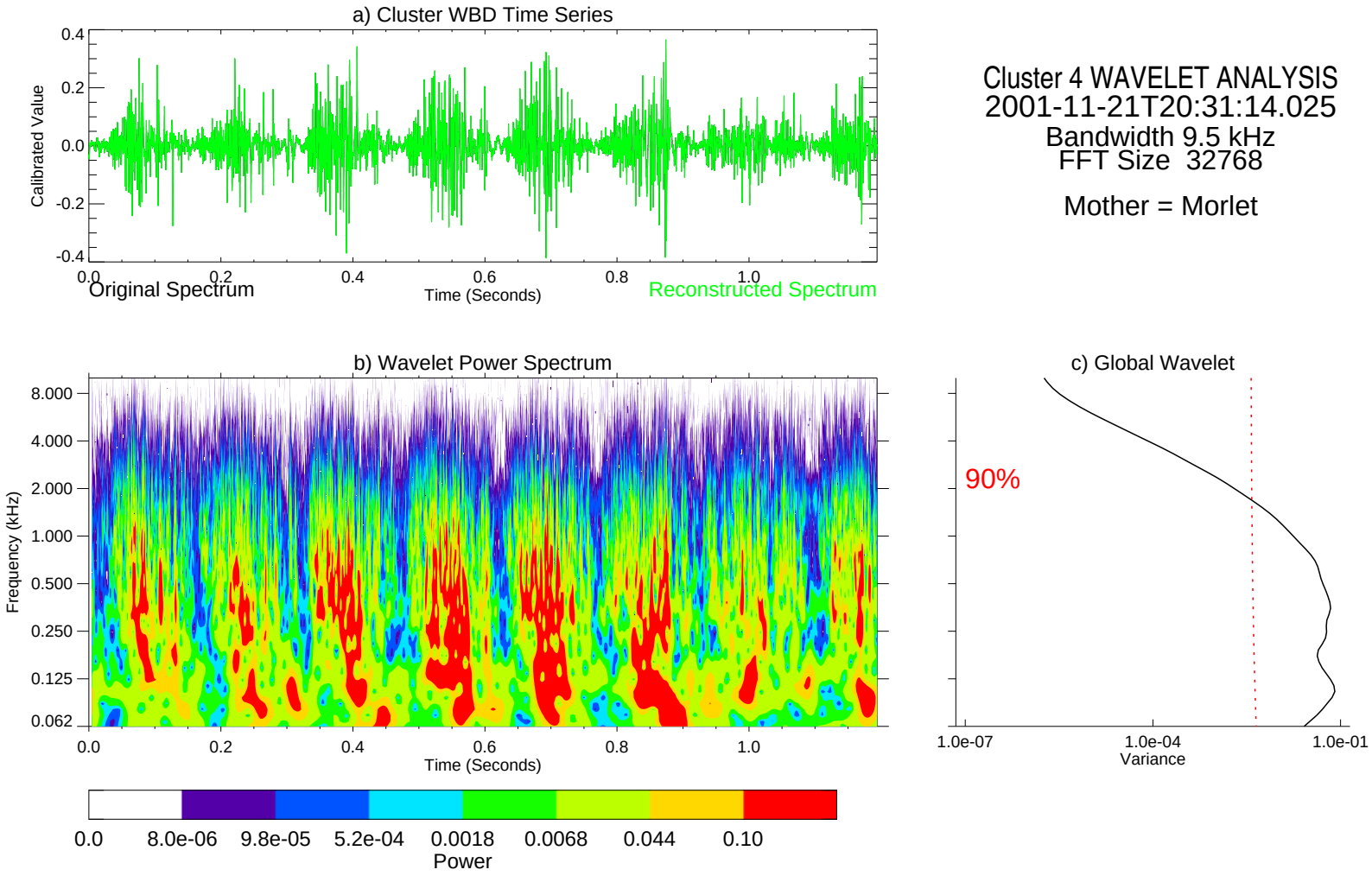
a) Cluster WBD Time Series
Calibrated Value
0.4
0.2
0.0
-0.2
-0.4
0.0
0.2
0.4
0.6
0.8
1.0
Time (Seconds)
Original Spectrum
Reconstructed Spectrum
Cluster 4 WAVELET ANALYSIS
2001-11-21T20:31:14.025
Bandwidth 9.5 kHz
FFT Size 32768
Mother = Morlet
b) Wavelet Power Spectrum
Frequency (kHz)
8.000
4.000
2.000
1.000
0.500
0.250
0.125
0.062
0.0
0.2
0.4
0.6
0.8
1.0
Time (Seconds)
0.0
8.0e-06
9.8e-05
5.2e-04
0.0018
0.0068
0.044
0.10
Power
c) Global Wavelet
90%
1.0e-07
1.0e-04
1.0e-01
Variance