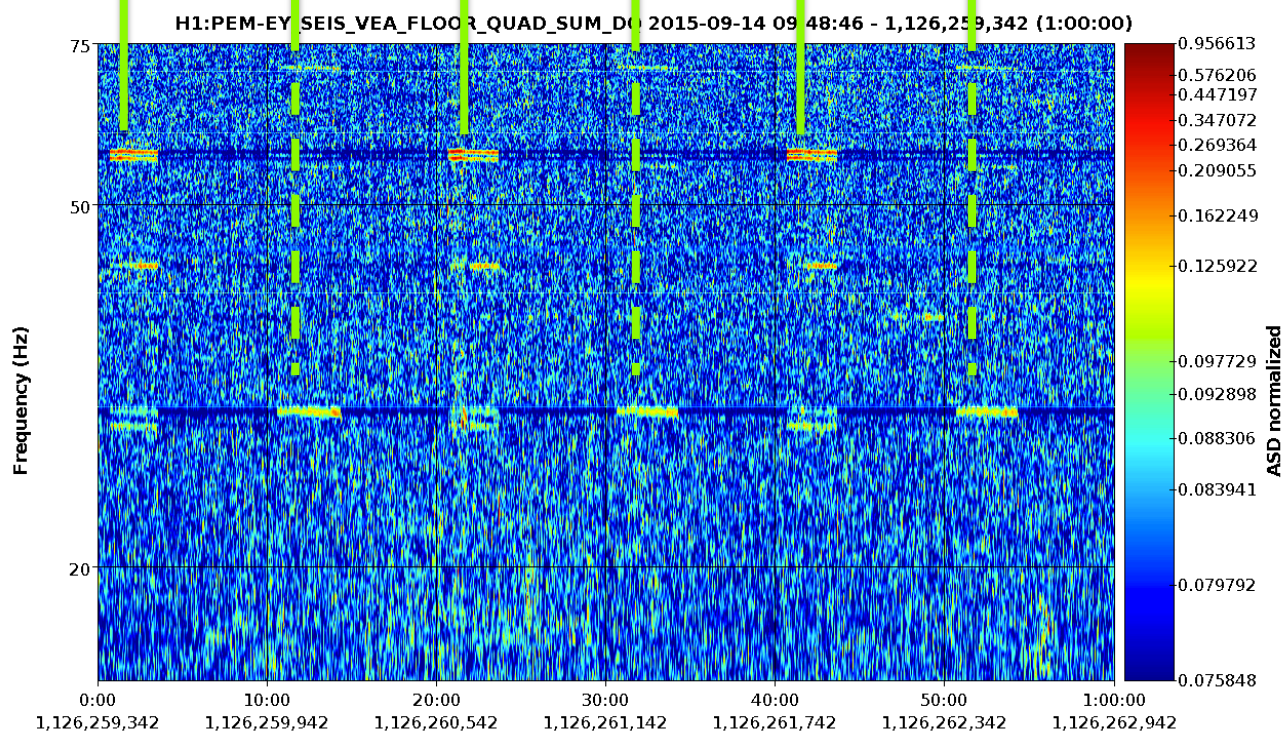
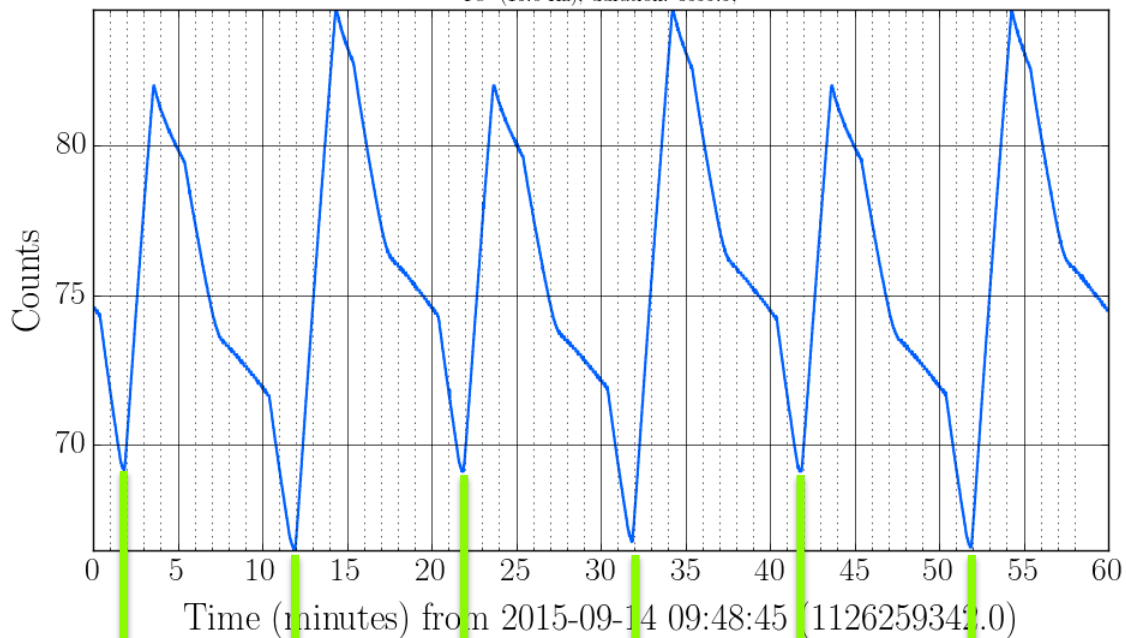


Line up of EY air compressor turning ON and PEM EY floor seismometer

Time series: HVE-EY:INSTAIR_PT499

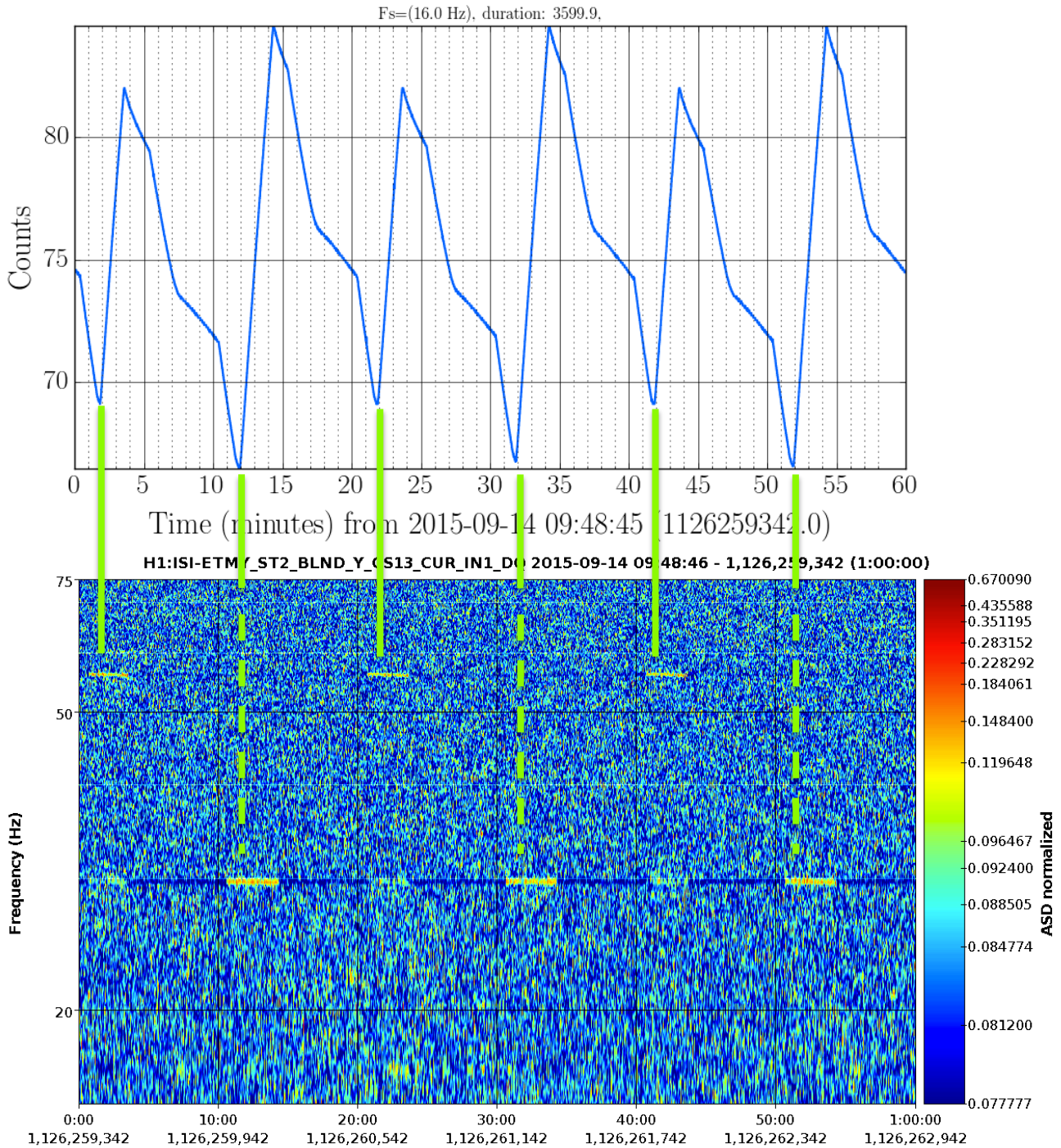
Fs=(16.0 Hz), duration: 3599.9,



Fs=256Hz, sec/fft = 4.00, overlap = 0.50, fft length=1,024, #-FFT = 1798/1, bw = 0.25, in samples = 922K, low = 0.20

Line up of EY air compressor turning ON and EY optics table motion in Y (along the beam path) – as measured by GS13s

Time series: HVE-EY:INSTAIR_PT499

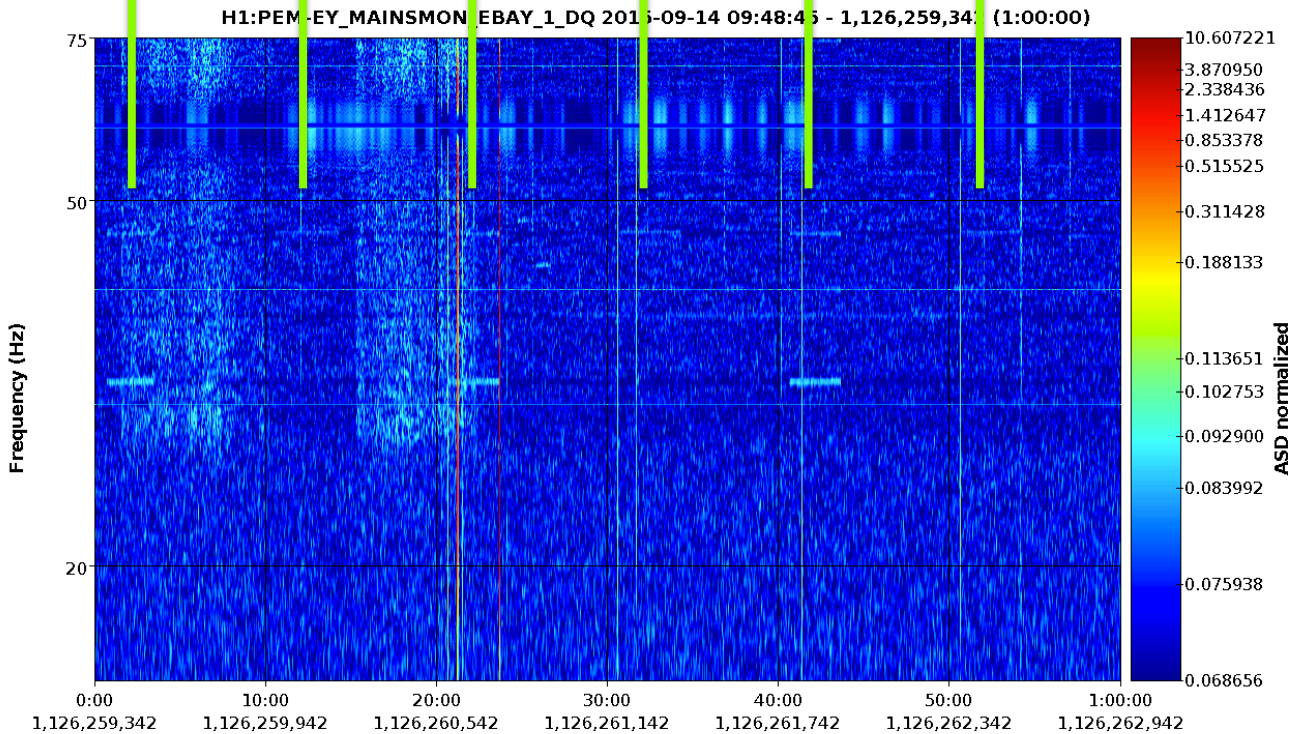
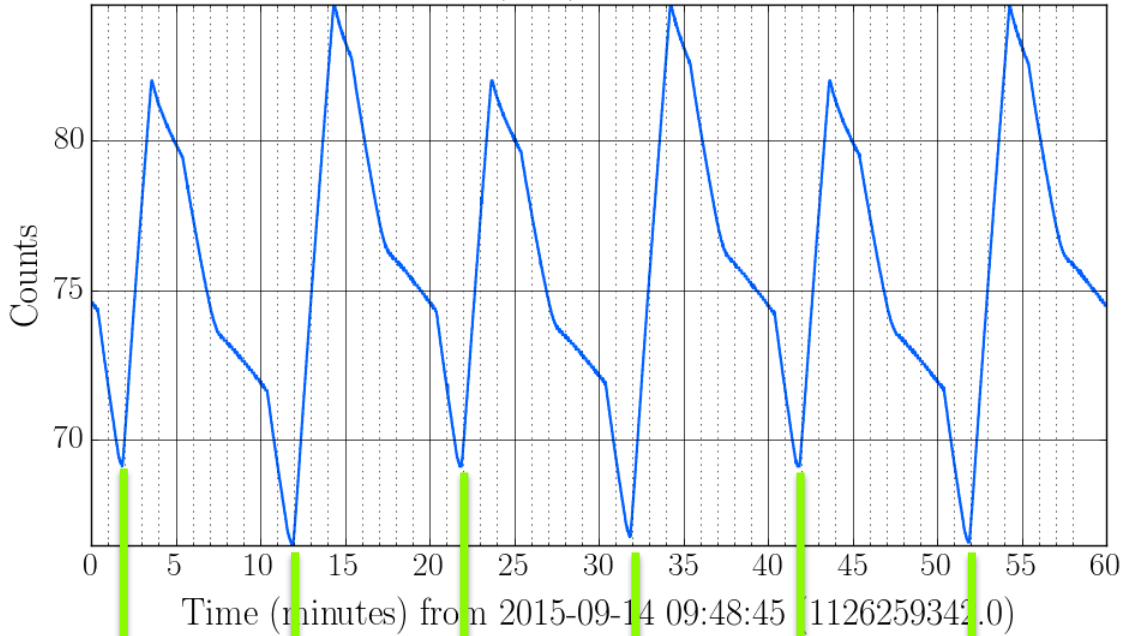


Fs=2,048Hz, sec/fft = 4.00, overlap = 0.50, fft length=8,192, #-FFT = 1798/1, bw = 0.25, in samples = 7,373K, low = 0.20

Line up of EY air compressor turning ON and EY mains voltage monitor

Time series: HVE-EY:INSTAIR_PT499

Fs=(16.0 Hz), duration: 3599.9,

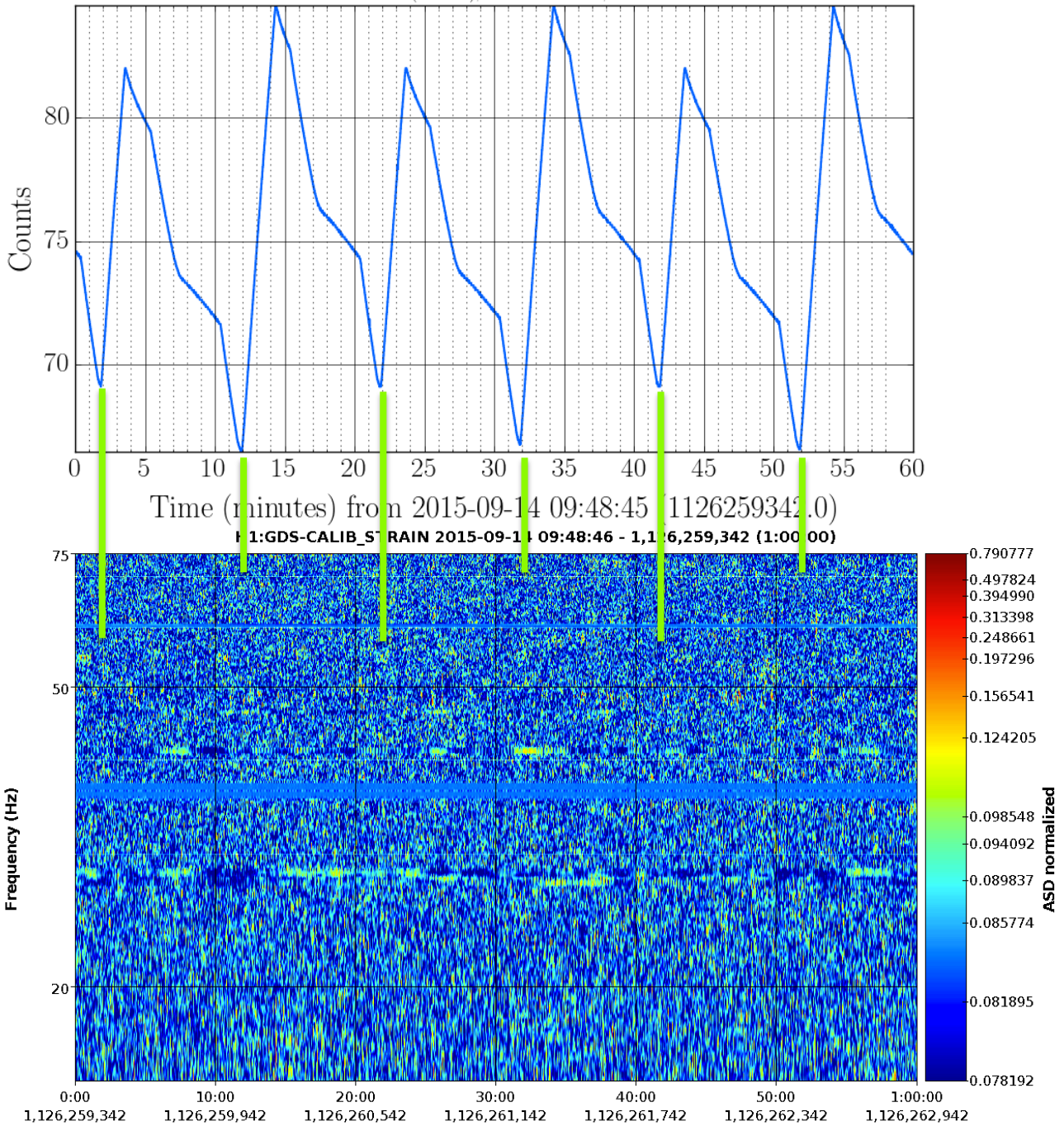


Fs=1,024Hz, sec/fft = 4.00, overlap = 0.50, fft length=4,096, #-FFT = 1798/1, bw = 0.25, in samples = 3,686K, low = 0.20

No apparent correlation with h(t)

Time series: HVE-EY:INSTAIR_PT499

Fs=(16.0 Hz), duration: 3599.9.



Fs=16,384Hz, sec/fft = 4.00, overlap = 0.50, fft length=65,536, #-FFT = 1798/1, bw = 0.25, in samples = 58,982K, low = 0.20

Hveto results: no evidence that transients from this noise source (EY air compressor) correlate with transients in h(t) on this day.