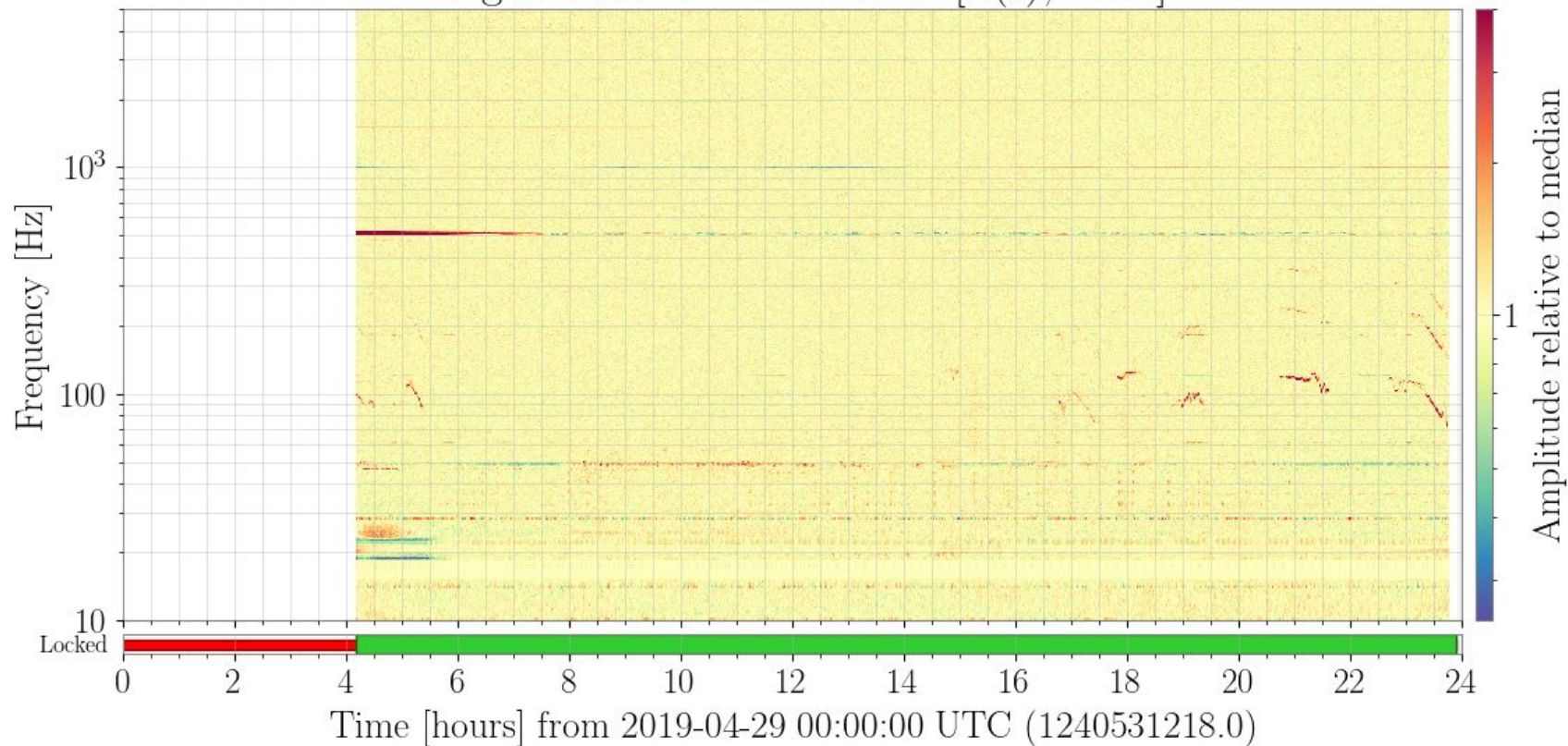


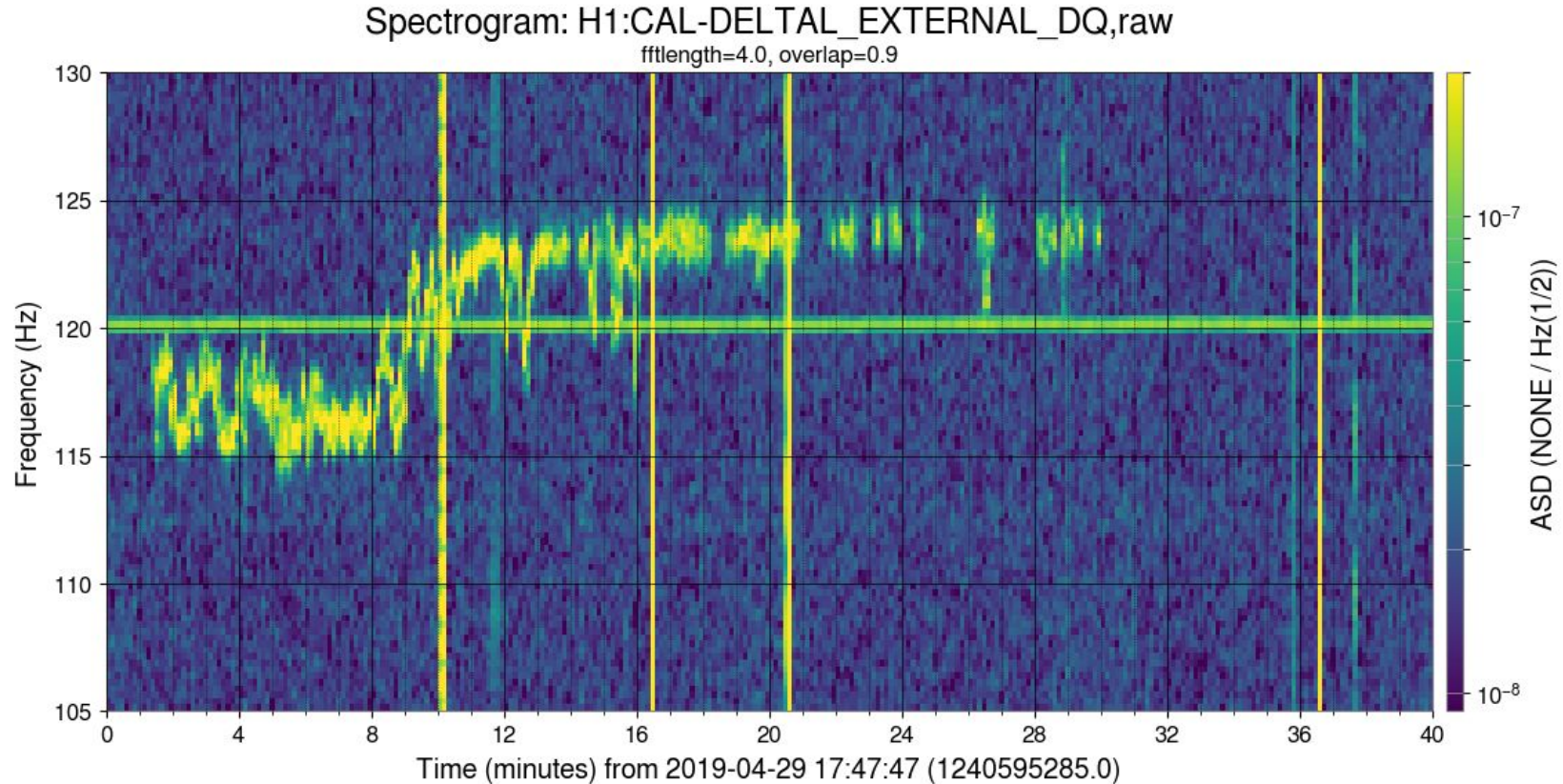
~100 Hz Wandering lines

Wandering line at 100 Hz

H1 gravitational-wave strain $[h(t), \text{GDS}]$



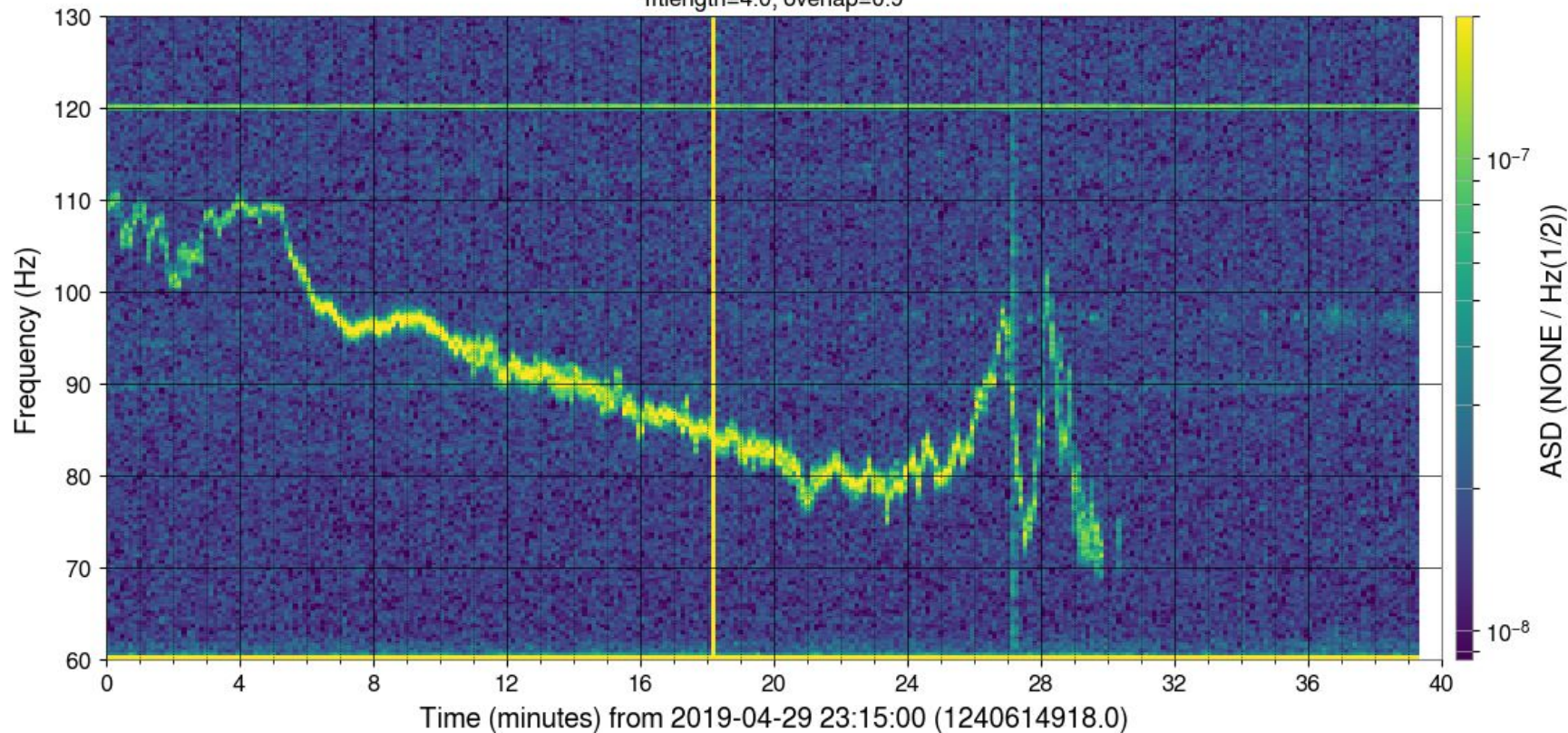
Zoomed in view at one such time



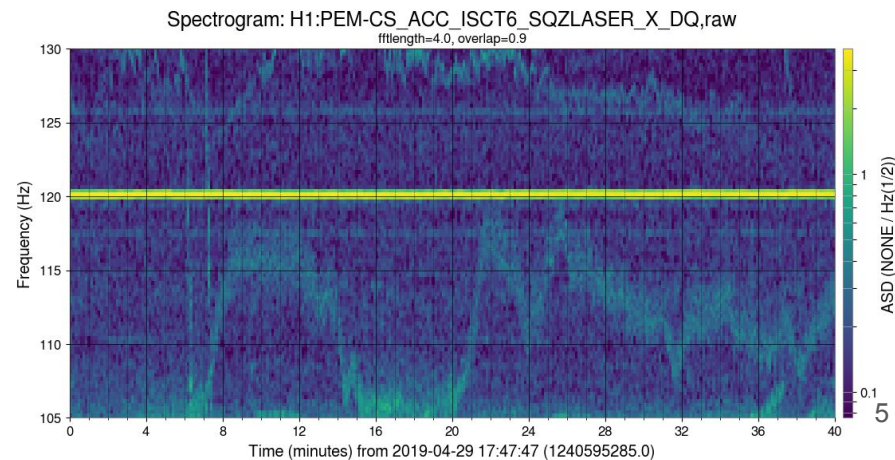
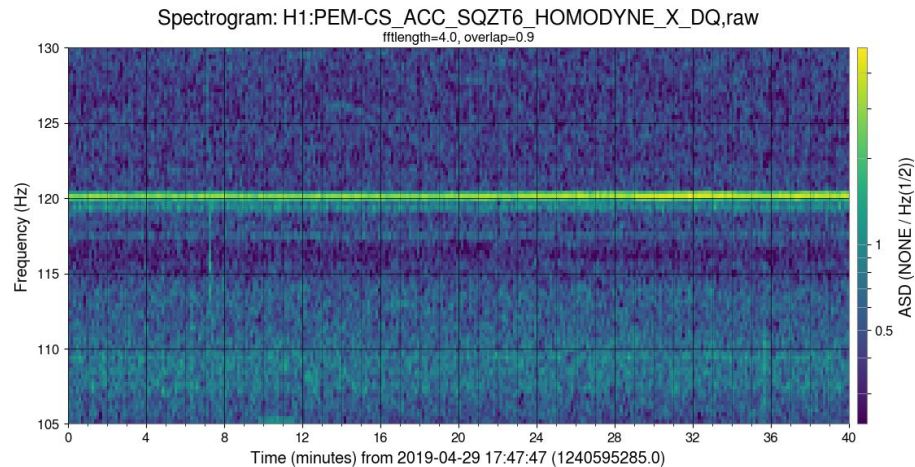
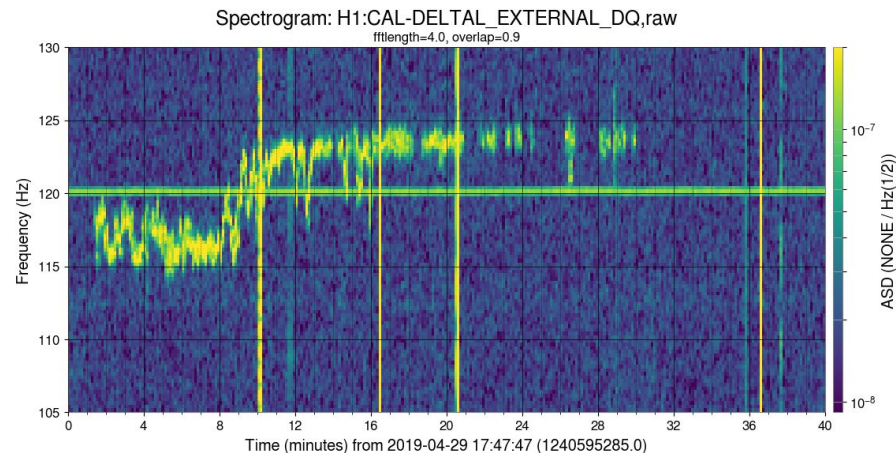
Zoomed in view at a different time

Spectrogram: H1:CAL-DELTAL_EXTERNAL_DQ,raw

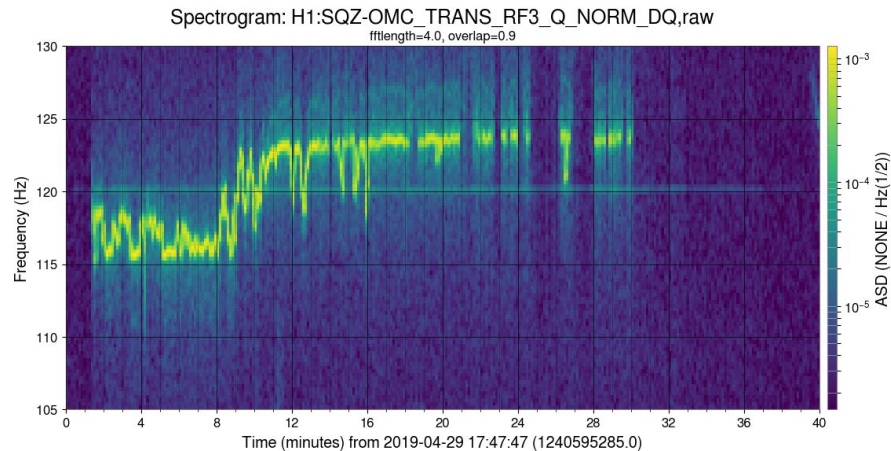
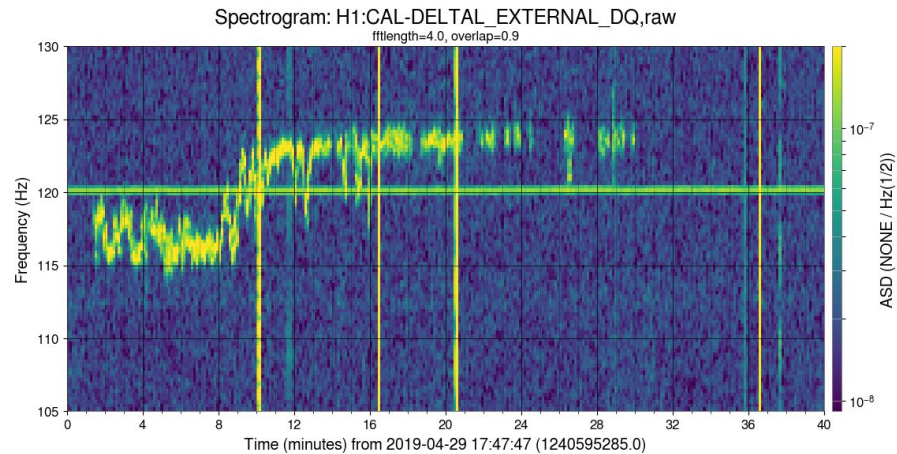
fftlength=4.0, overlap=0.9



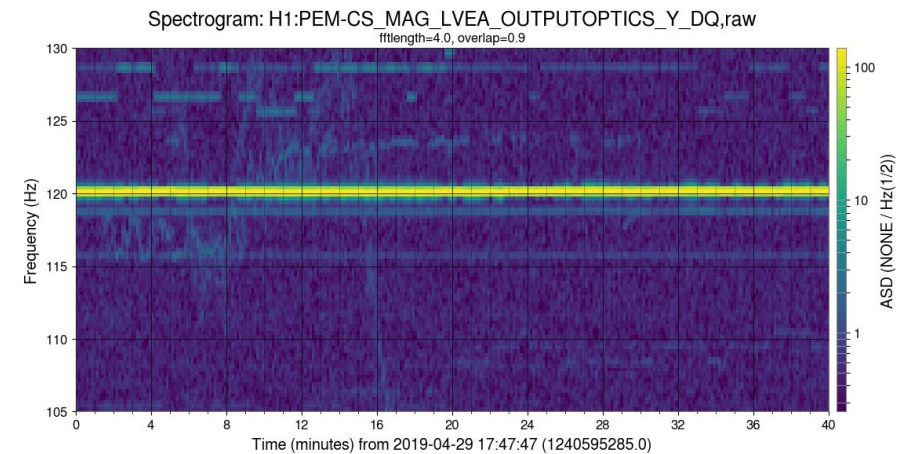
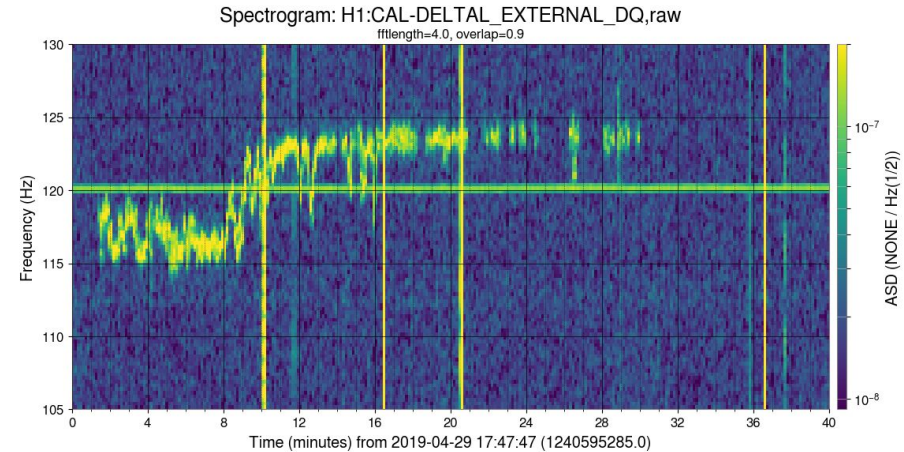
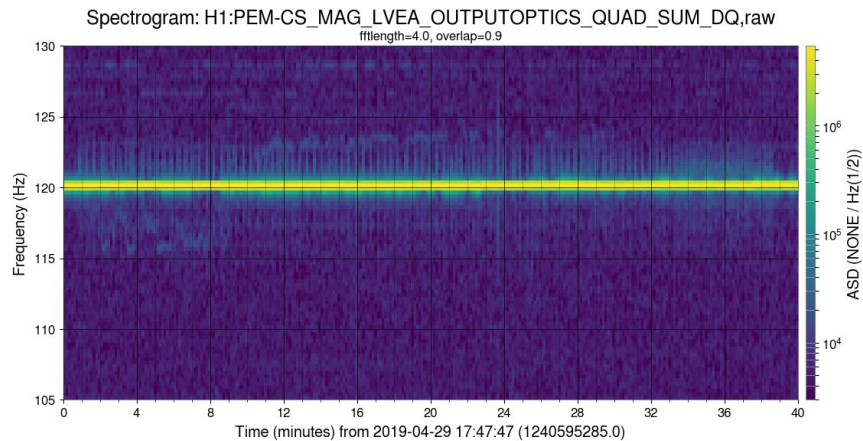
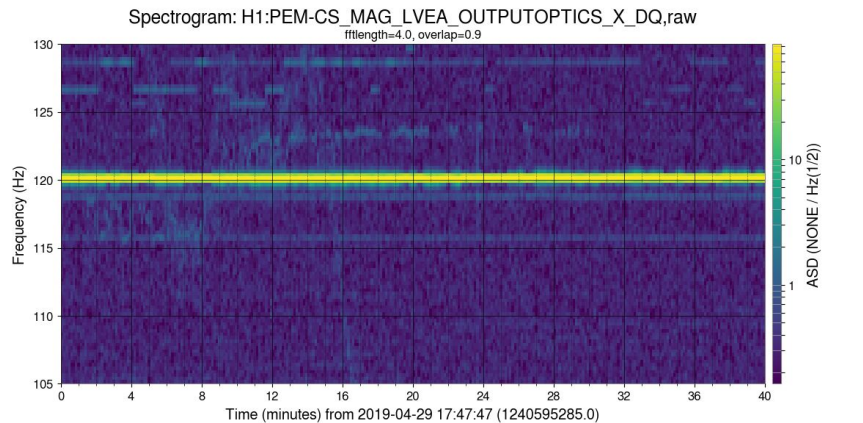
Time 1: Squeezer table
accelerometers: Nothing coherent,
although the ISCT6 accelerometer is
noise



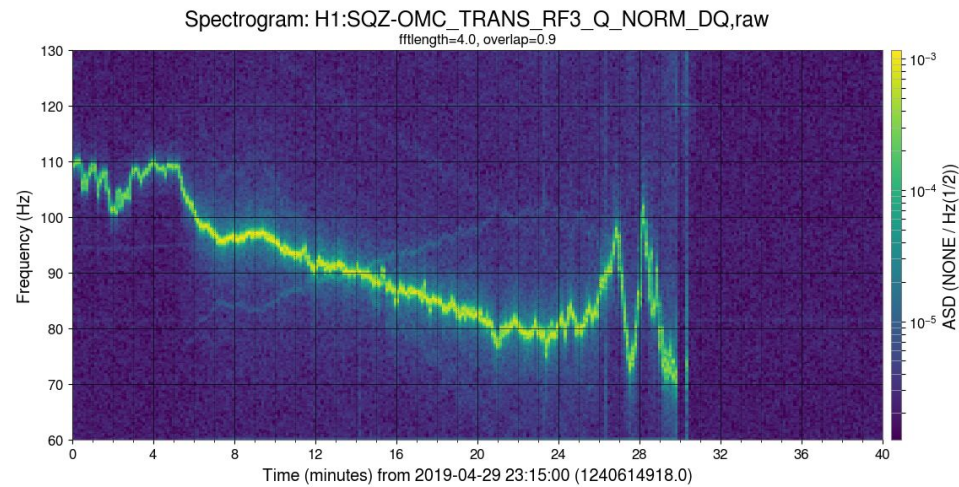
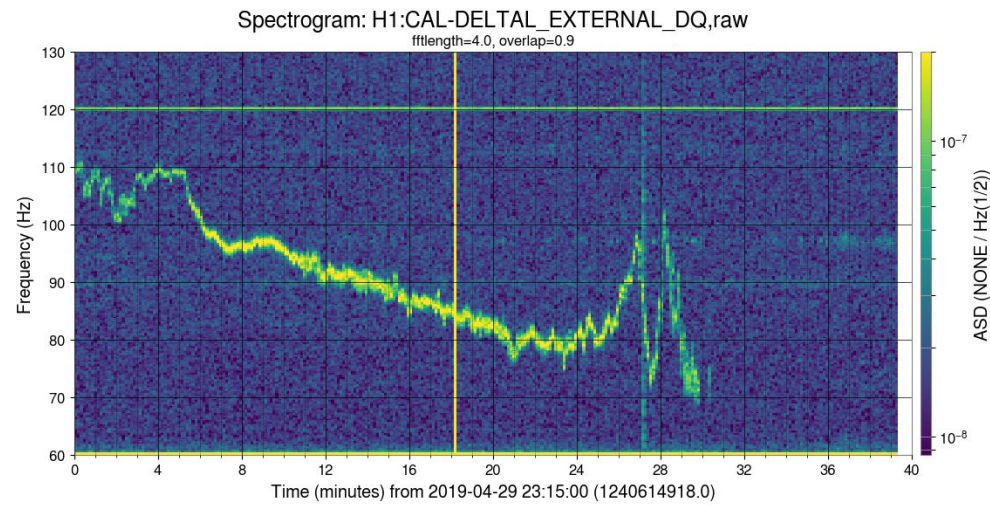
Time 1: SQZ OMC Channel
previously suggested in lho
alog 48772 is clearly
coherent with darm



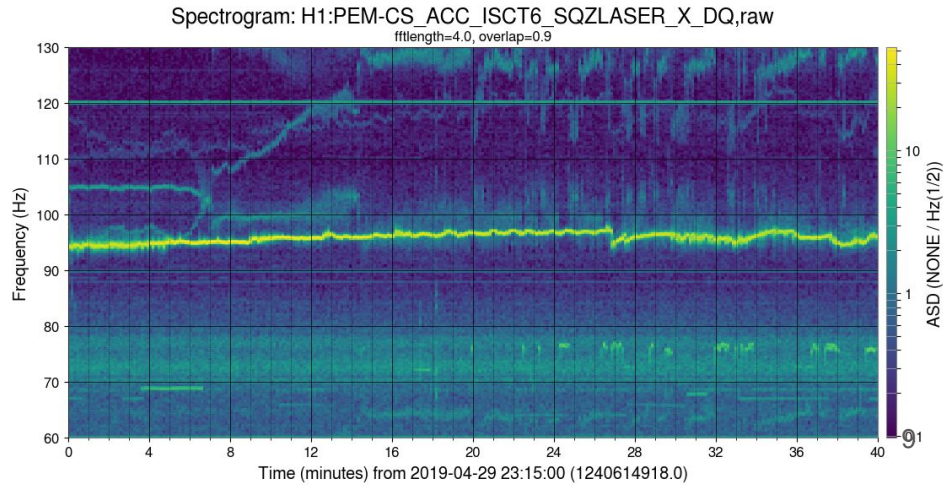
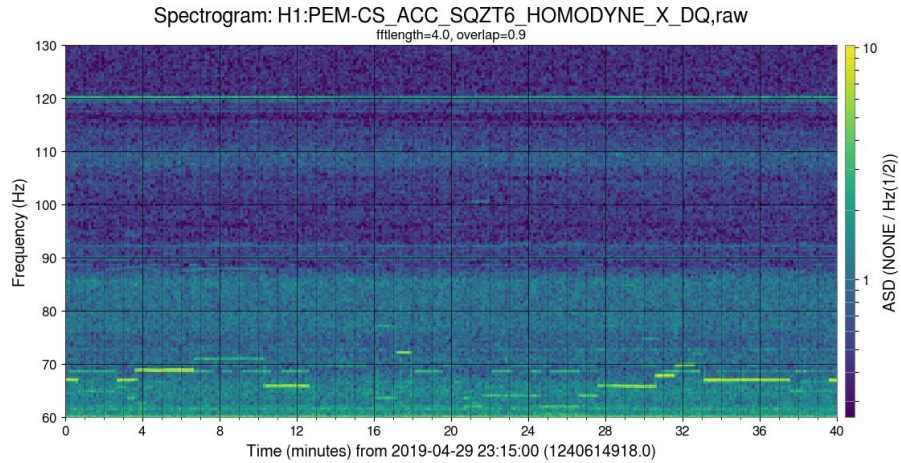
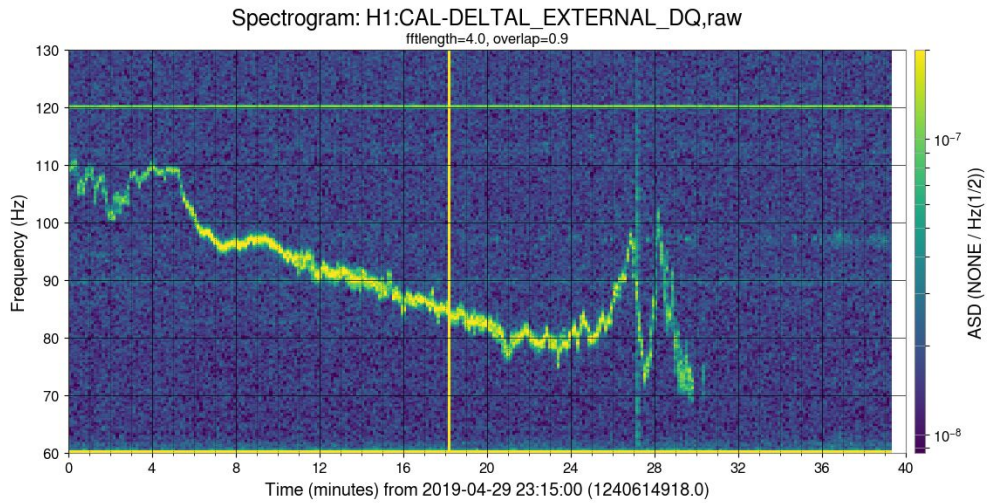
Time 1: Can be seen faintly in the
outputoptics magnetometer.



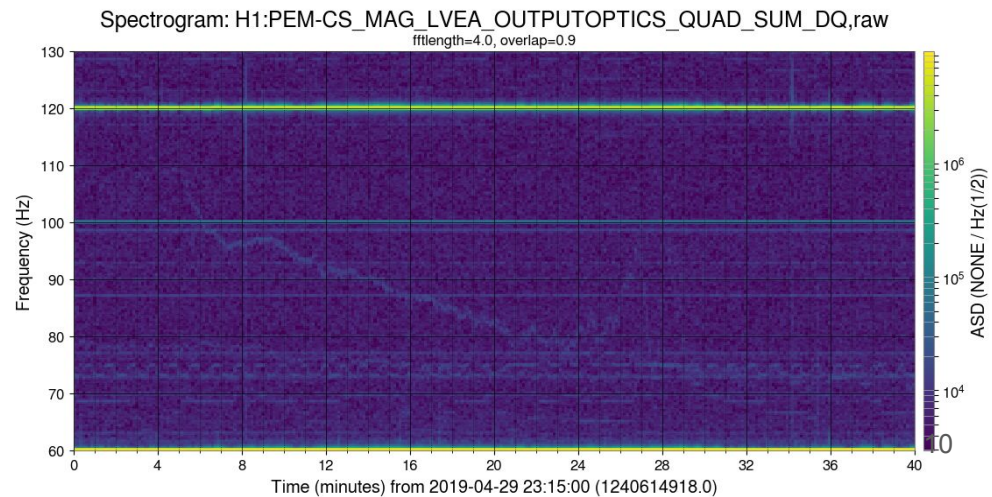
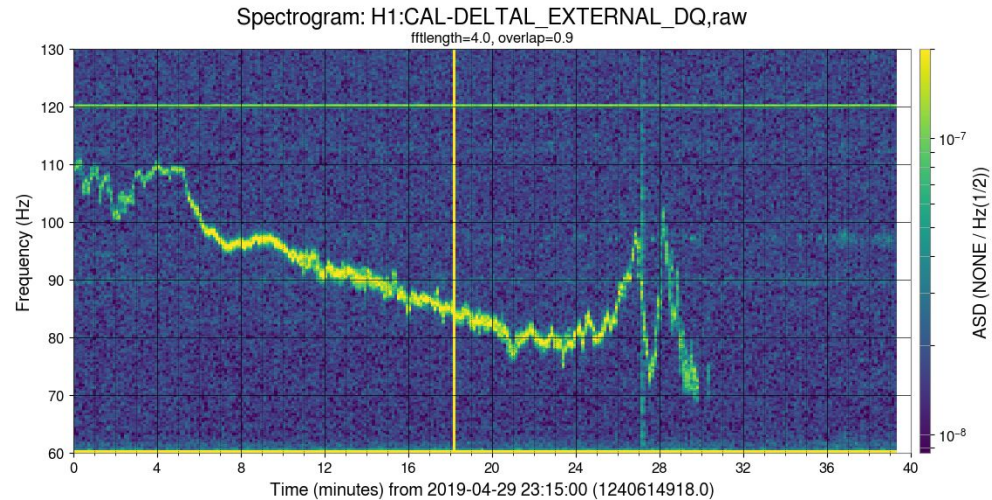
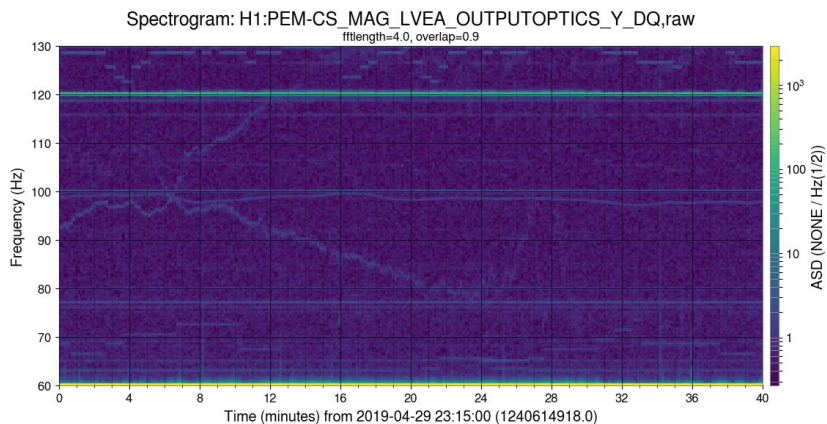
Time 2: Again SQZ OMC
Channel previously is
clearly coherent with darm



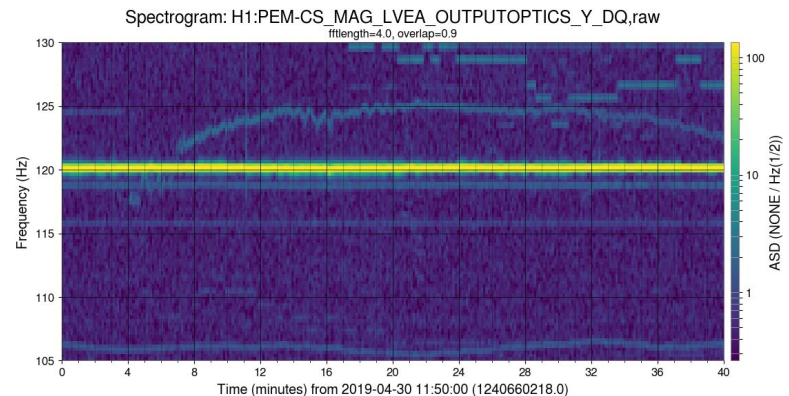
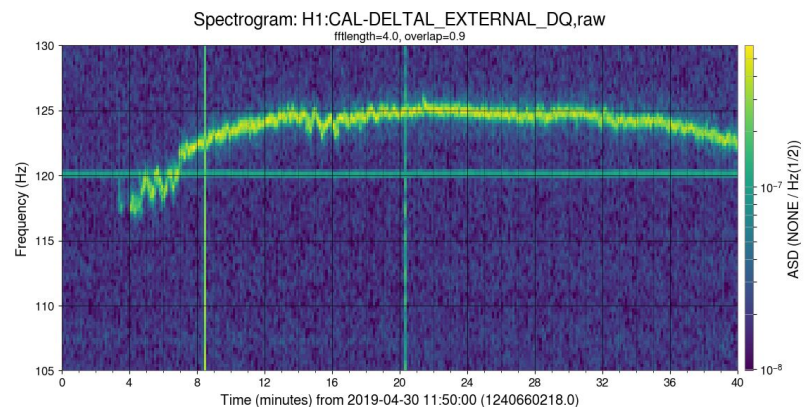
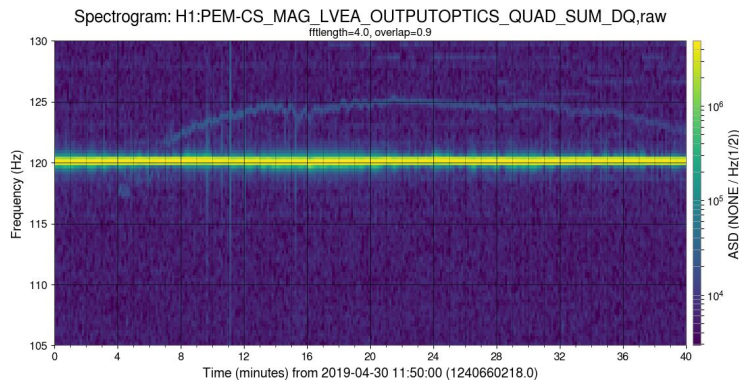
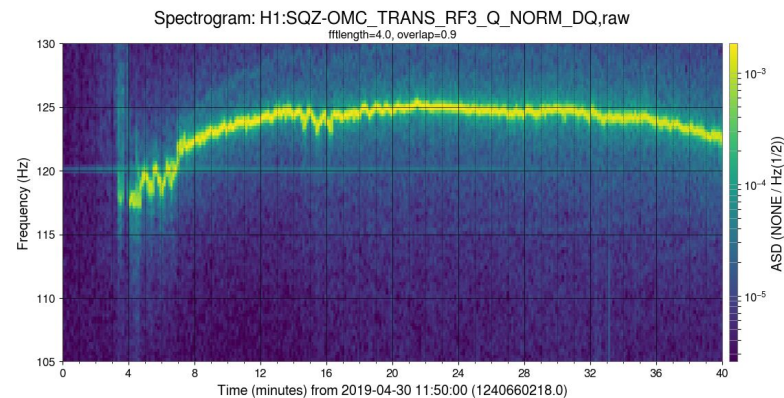
Time 2: Nothing coherent, although the ISCT6 accelerometer looks noisy.



Time 2: Can be seen faintly
in the outputoptics
magnetometer.



30th April ~ 12 UTC. Again we see the trend with the SQZ OMC channel and the OUTPUTOPTICS magnetometer channels, along with darm.



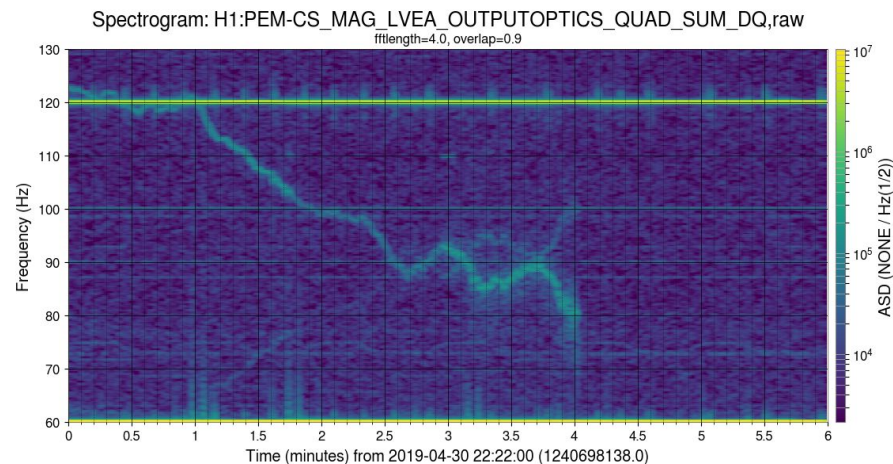
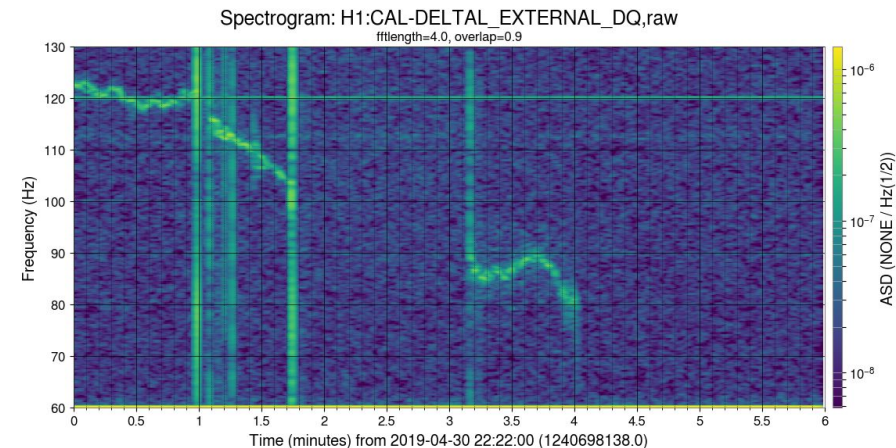
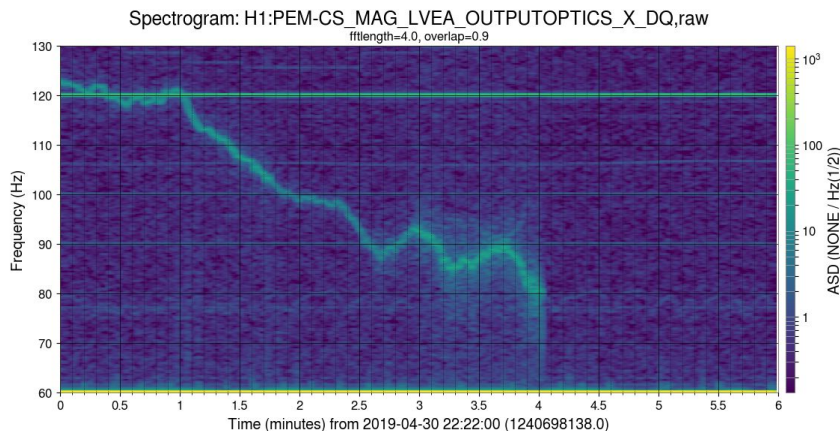
Test by closing the SQZ beam diverter, ~ 22:23:00 UTC

The line came back online as soon as we came back from maintenance today.

We turned off the SQZ beam diverter at around 22:23:48 UTC and the line turned off in DARM.

We turned it back on at 22:25:15 UTC and it came back.

Interestingly, the evolution of the line could still be seen in the outputoptics magnetometer channels at this time.



Test by closing the SQZ beam diverter, ~ 22:23:00 UTC

The line came back online as soon as we came back from maintenance today.

We turned off the SQZ beam diverter at around 22:23:48 UTC and the line turned off in DARM.

We turned it back on at 22:25:15 UTC and it came back.

The line is still visible in some SQZ channels

