

Main 48 Hz peak is unlikely to be a resonance of TCS mirror because it does not show up in vibrometry of mirrors. Chiller fans show up on accelerometers and vibrometer, indicating vibrometer is working.

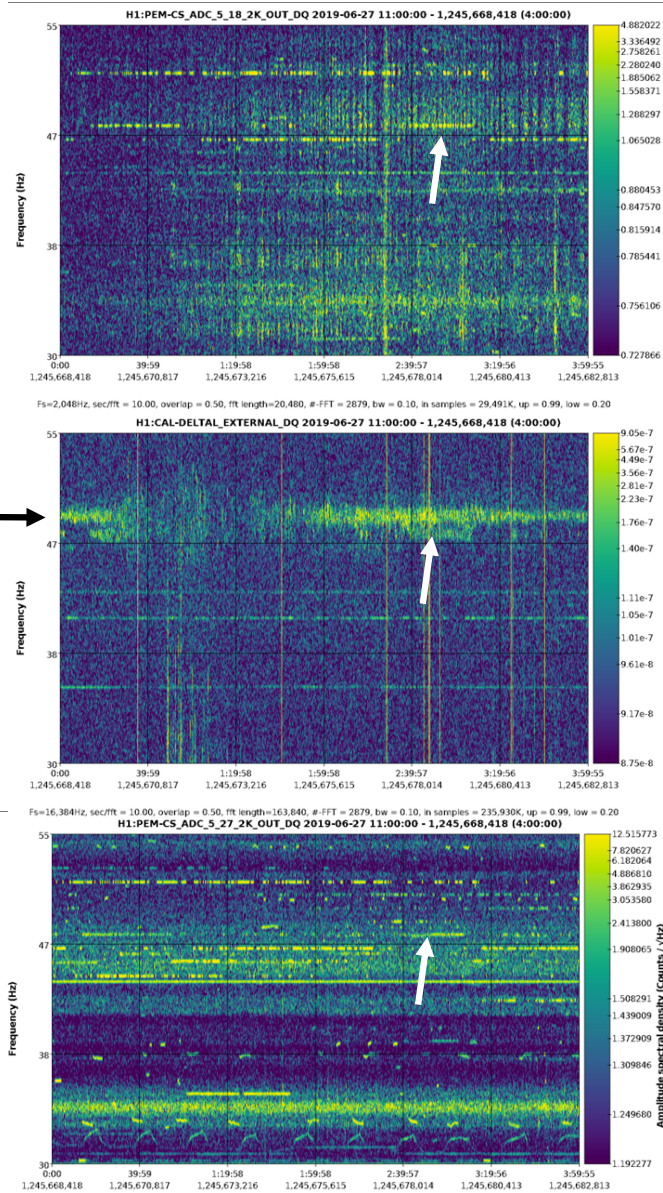
Laser vibrometer
Arrows show chiller signals that appear on vibrometer, DARM, and external accelerometer

Main 48 Hz peak in DARM →

DARM

External accelerometer

Vibrometer on strut of X-arm TCS M2 copper mirror



Vibrometer on strut of Y-arm TCS M2

