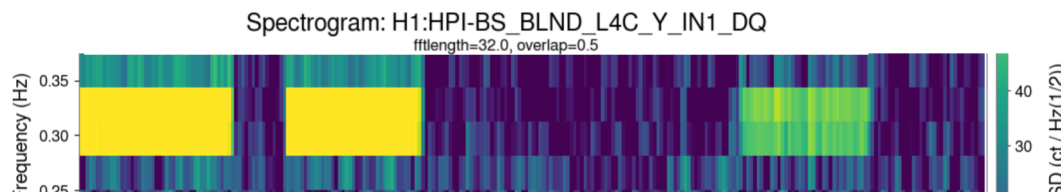
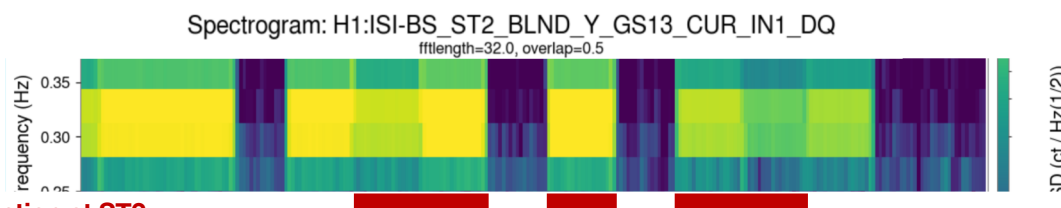


Noise in DARM follows 0.3 Hz motion of BS ST2 not ST0

ST0 motion

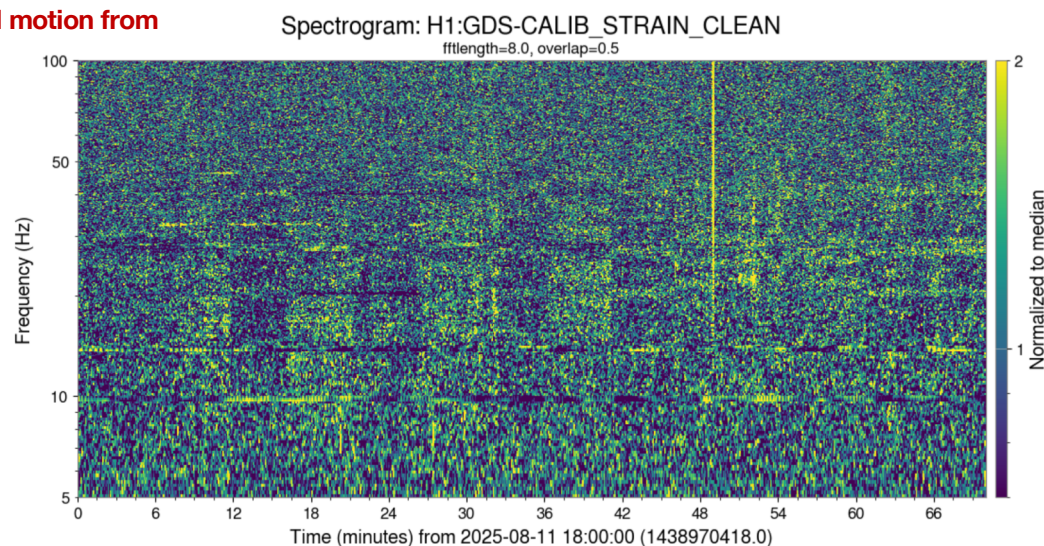


ST2 motion



Red bars indicate an injection at ST2
scaled to partially cancel motion from
injection at ST0.

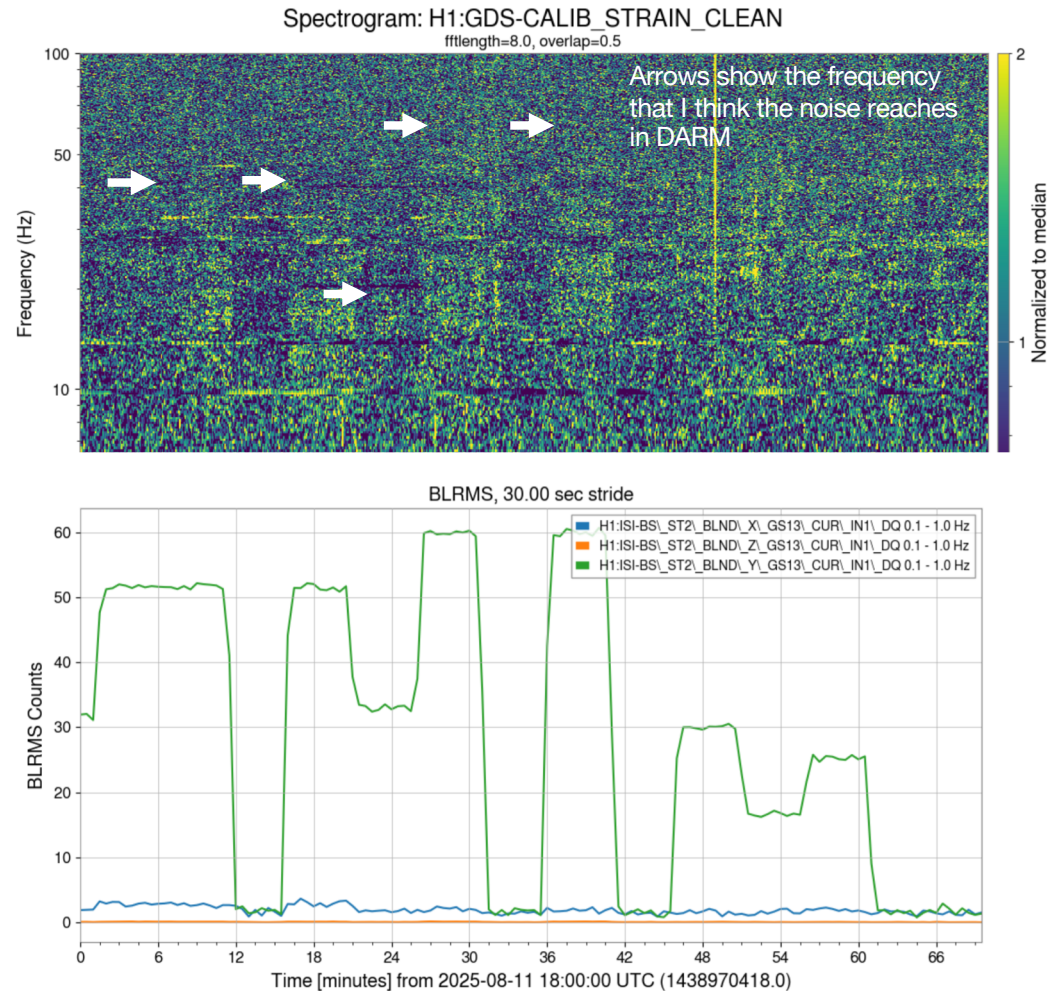
DARM



Noise in DARM requires ~10 increase in ST2 motion

DARM

**ST2 BLRMS (0.03
to 30 Hz).
Injection is in Y.**



M1 BS injection scaled to approximate motion of BS during BS ISI ST0/2 injection does not reproduce noise in DARM supporting the conclusion that the coupling is associated with ST2 motion.

