



LHO Status

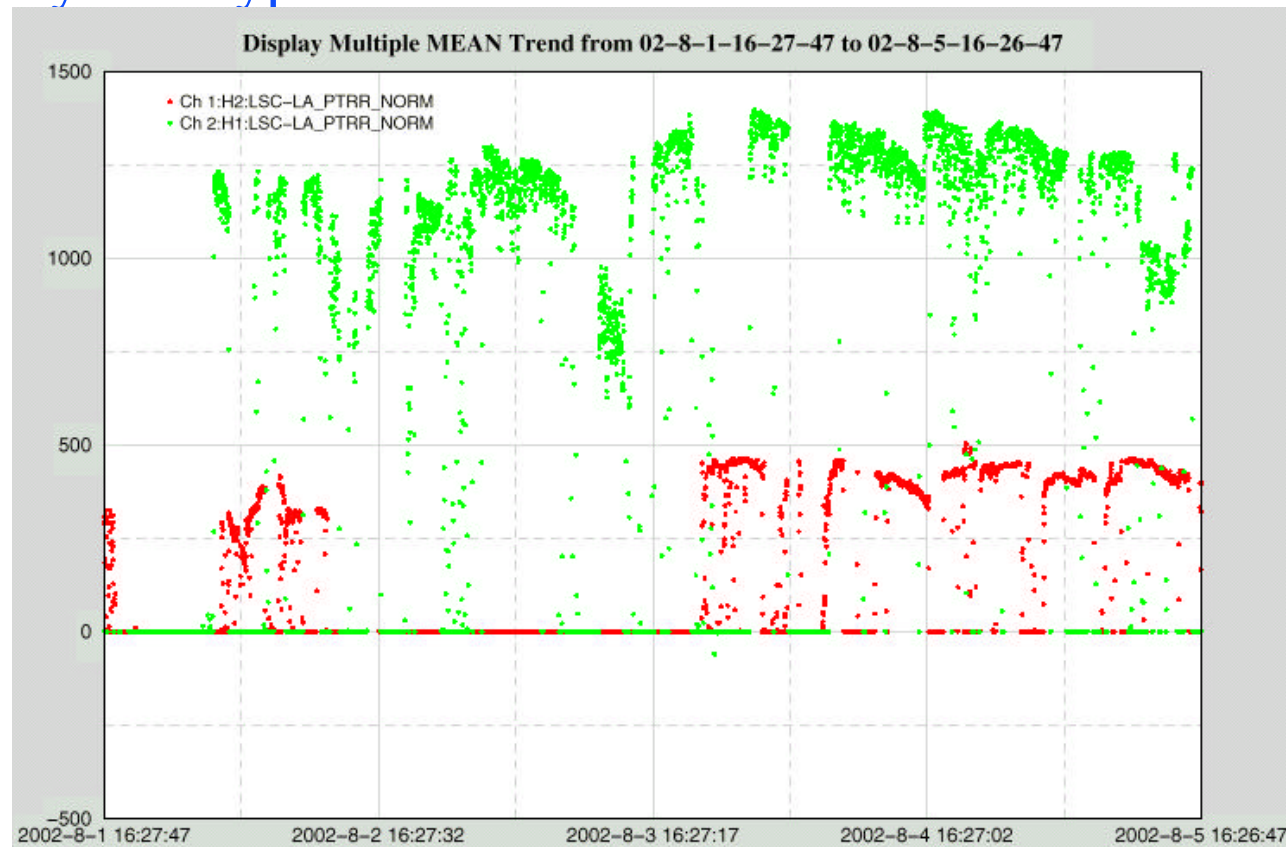
Fred Raab

8/5/02



Both Interferometers Lock Nicely

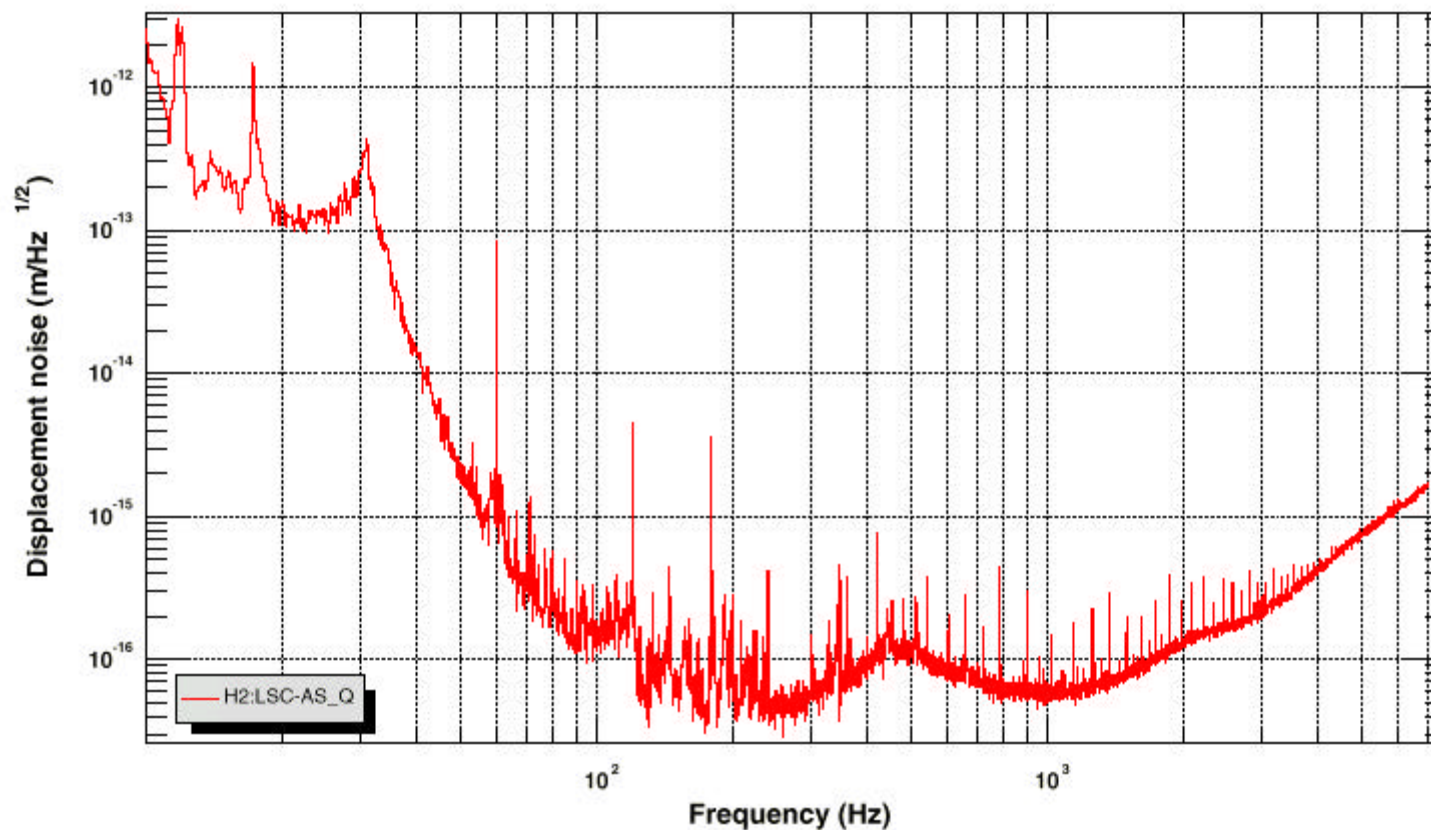
- Last 4 days are typical:





Common-Mode Servo is Working on H2; ASPD Light Not Yet Increased

Calibrated AS_Q spectrum - Thu Aug 1 2002



T0=01/08/2002 09:08:40

Avg=10

BW=0.187493

LIGO-G020302-00-W

Raab - LHO Status 080502



H2 Prospects

- Transients on MC_F observed & correlated with MC_REFL motion → new PZT mirror driver installed
- AS-port EOM tuned up to give 50:1 variability → trigger diode logic needs to be switched; then we can crank up ASPD light in common mode
- Need a pre-S1 run of data for analysis & mitigation



H1 Prospects

- Needs Common-mode servo implementation
- Luca working currently on it, Mike Z. arriving Wednesday to continue