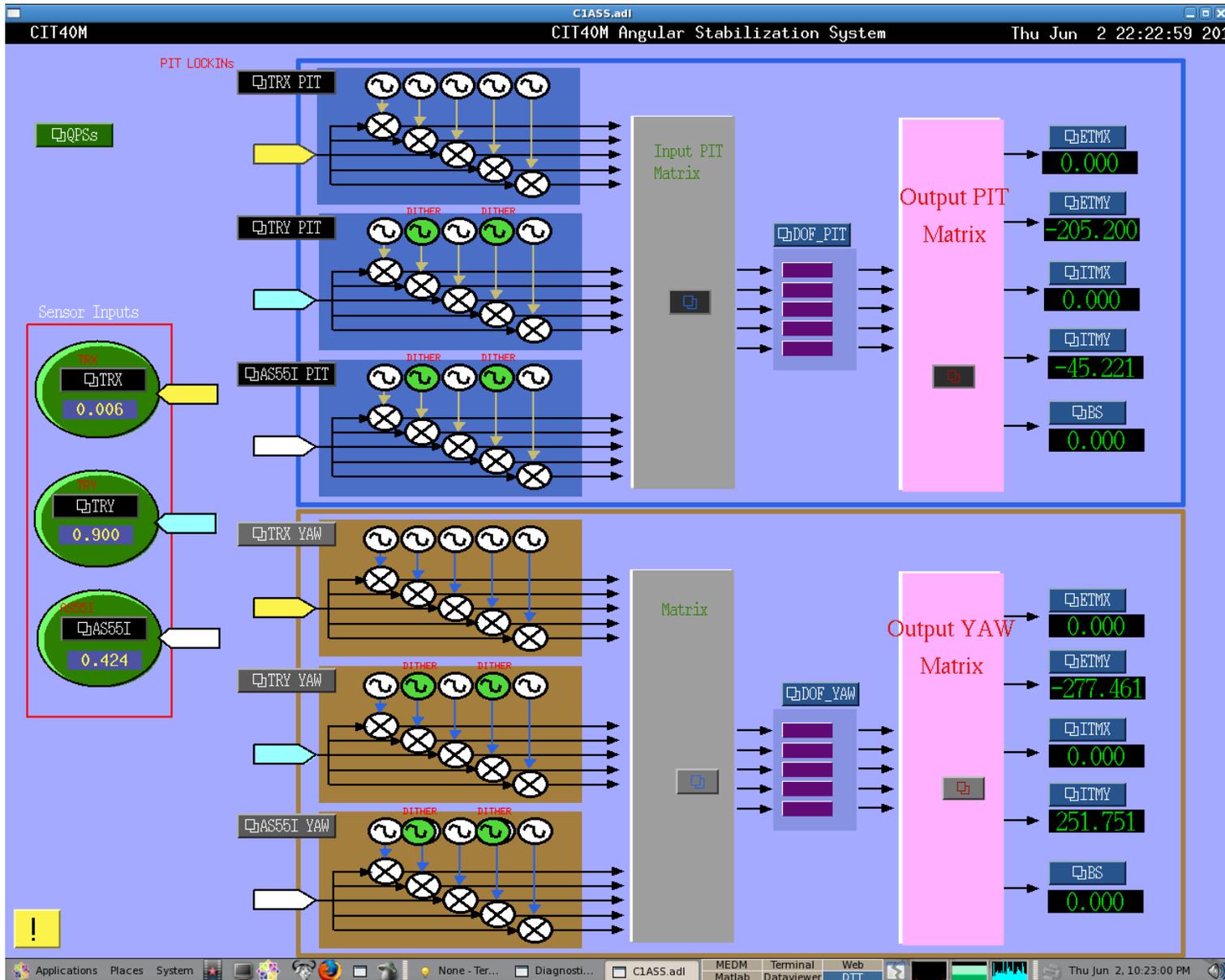
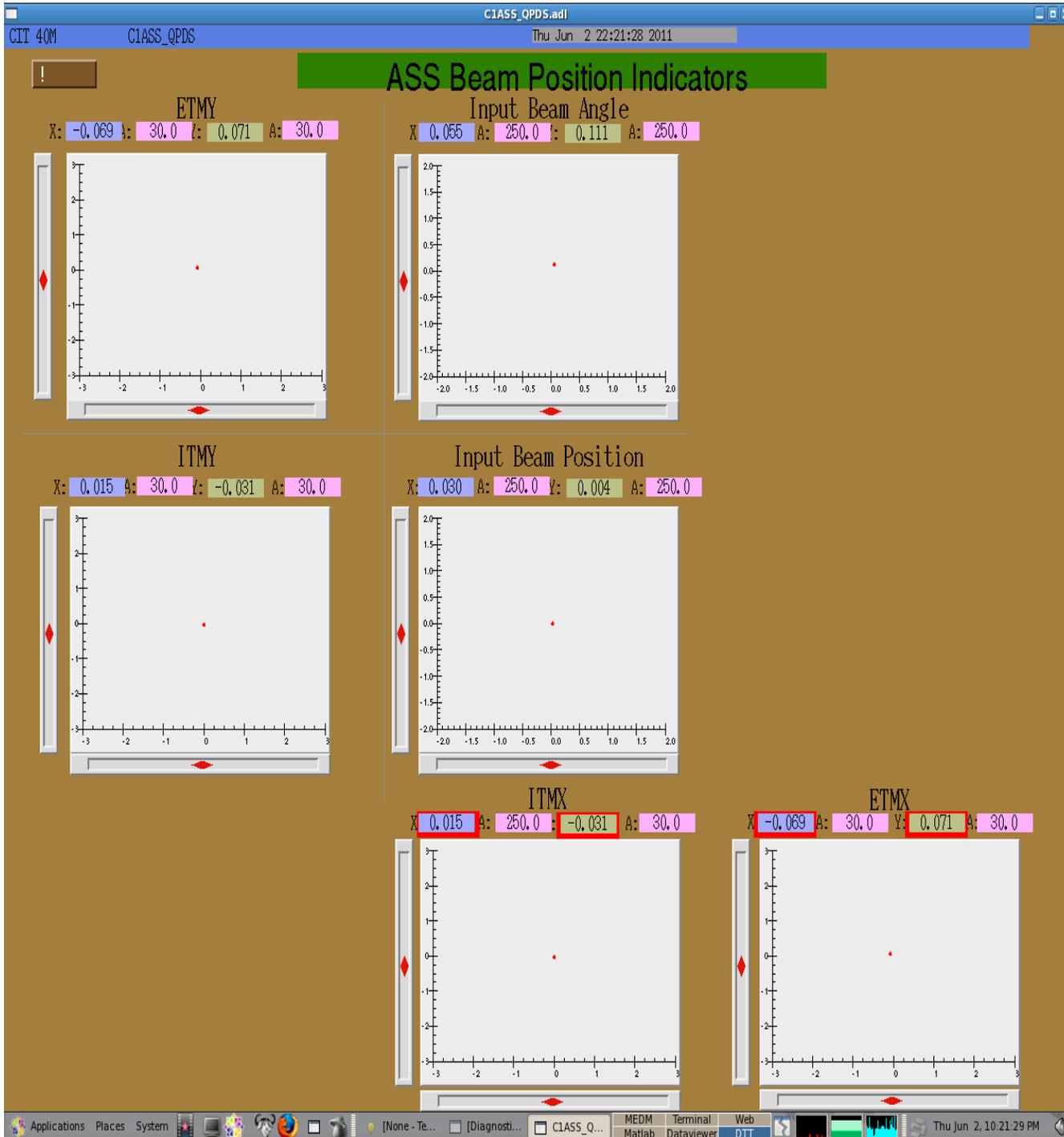


Angular Stabilization System at 40m lab

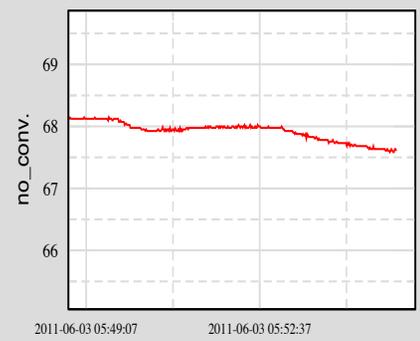




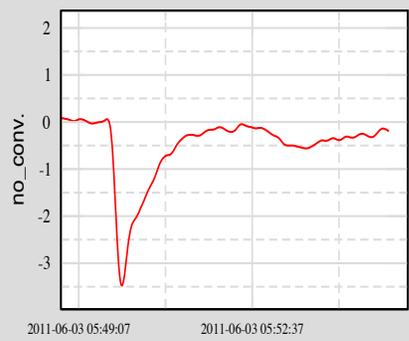
— MEAN

Trend from 11-06-03-05-48-24 to 11-06-03-05-55-23

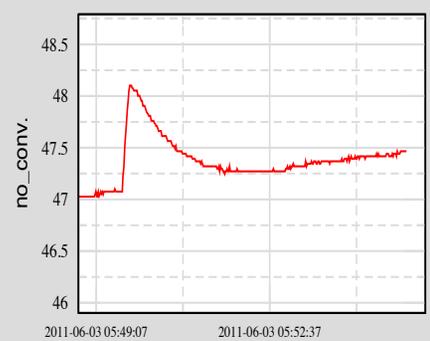
Ch 3: C1:LSC-PZT2_YOut_Mon



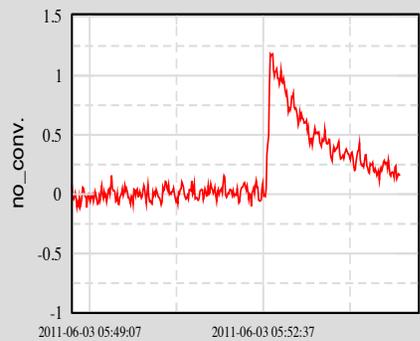
Ch 8: C1:ASS-DOF3_IN1_DAO



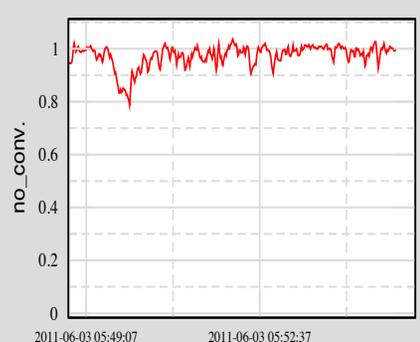
Ch 2: C1:LSC-PZT1_YOut_Mon



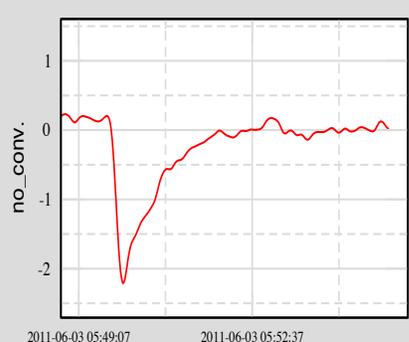
Ch 7: C1:ASS-DOF2_IN1_DAO



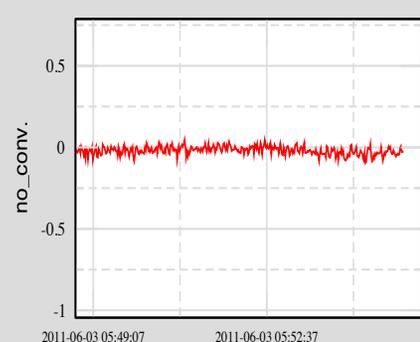
Ch 1: C1:LSC-TRY_OUT_DQ



Ch 6: C1:ASS-DOF1_IN1_DAO



Ch 9: C1:ASS-DOF4_IN1_DAO



Estimates for aLIGO Arm Cavity

- Assumptions and Inputs:
- Dither force 10 μN
- Input power 1 W into MC
- TM pitch rms 1e-7 rad
- No MCL feedback

