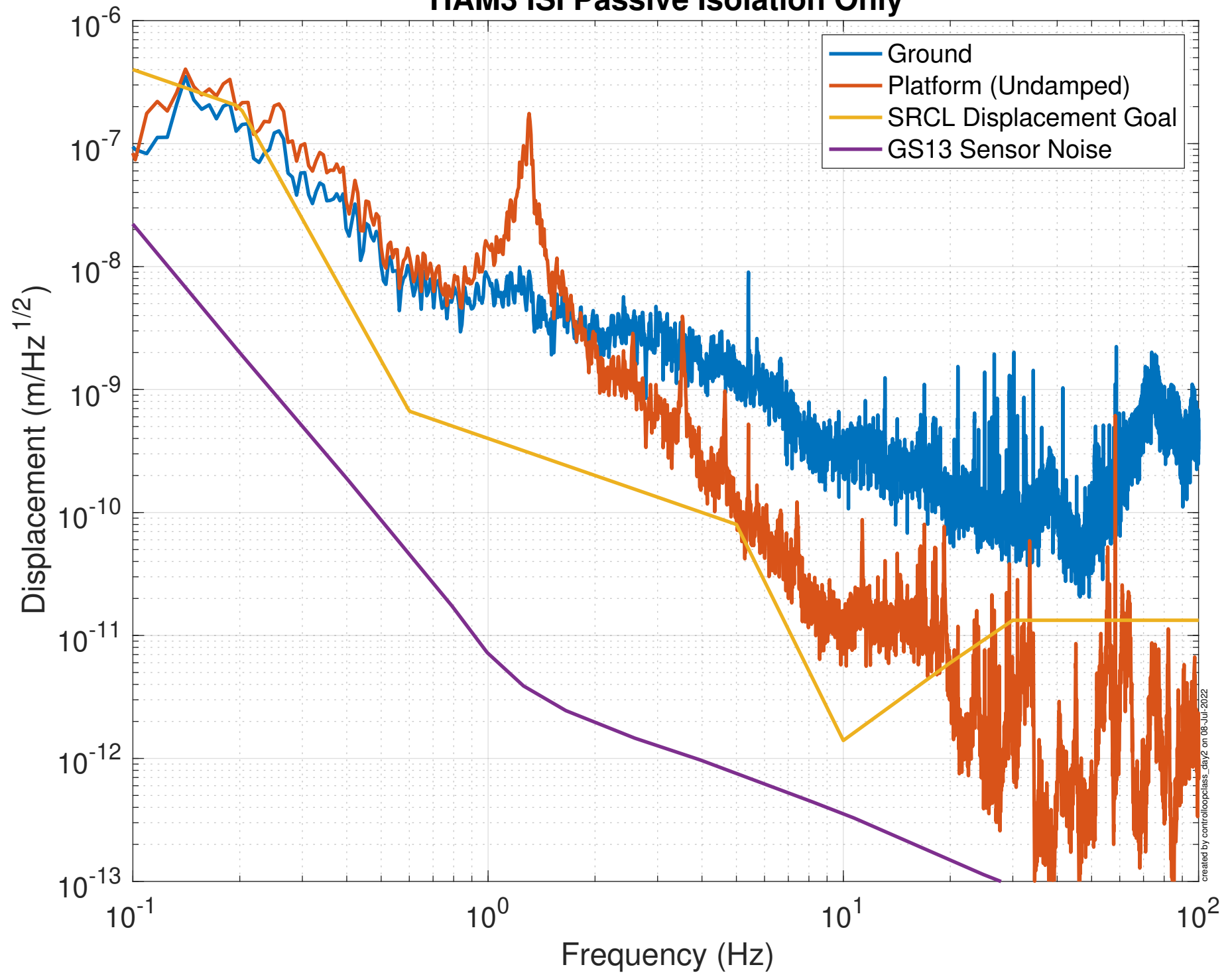
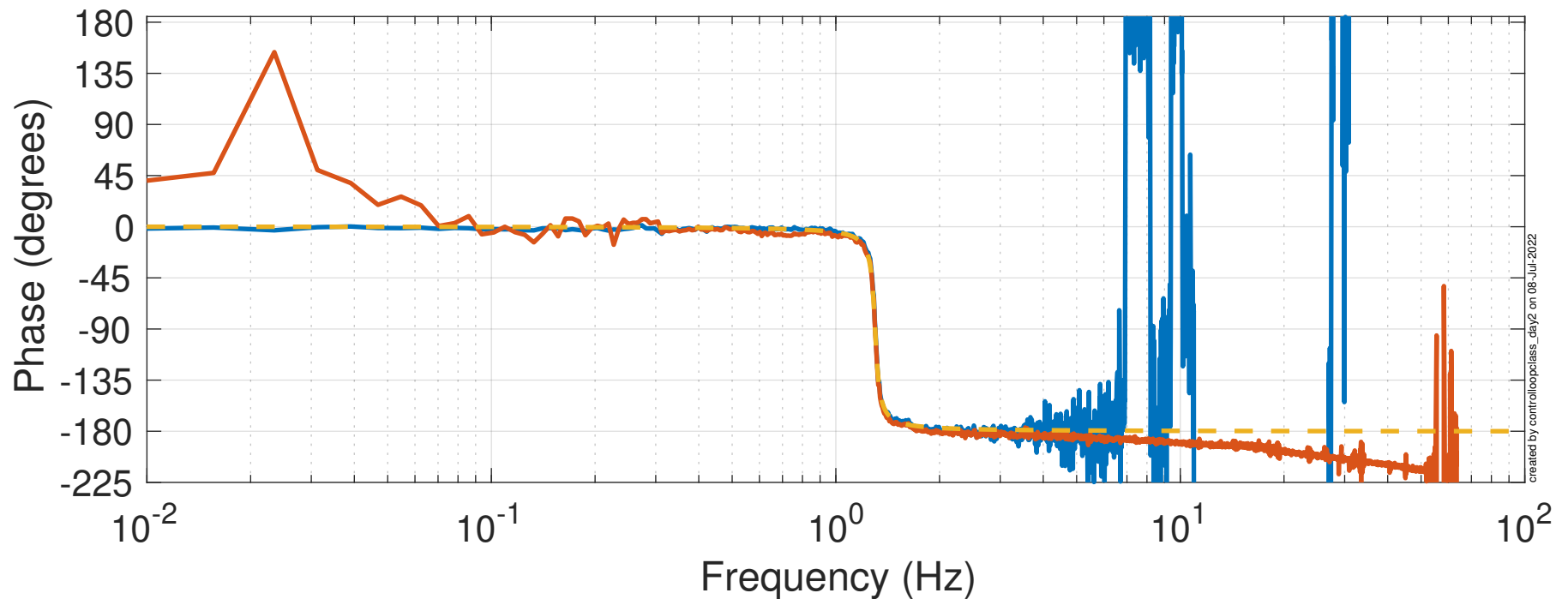
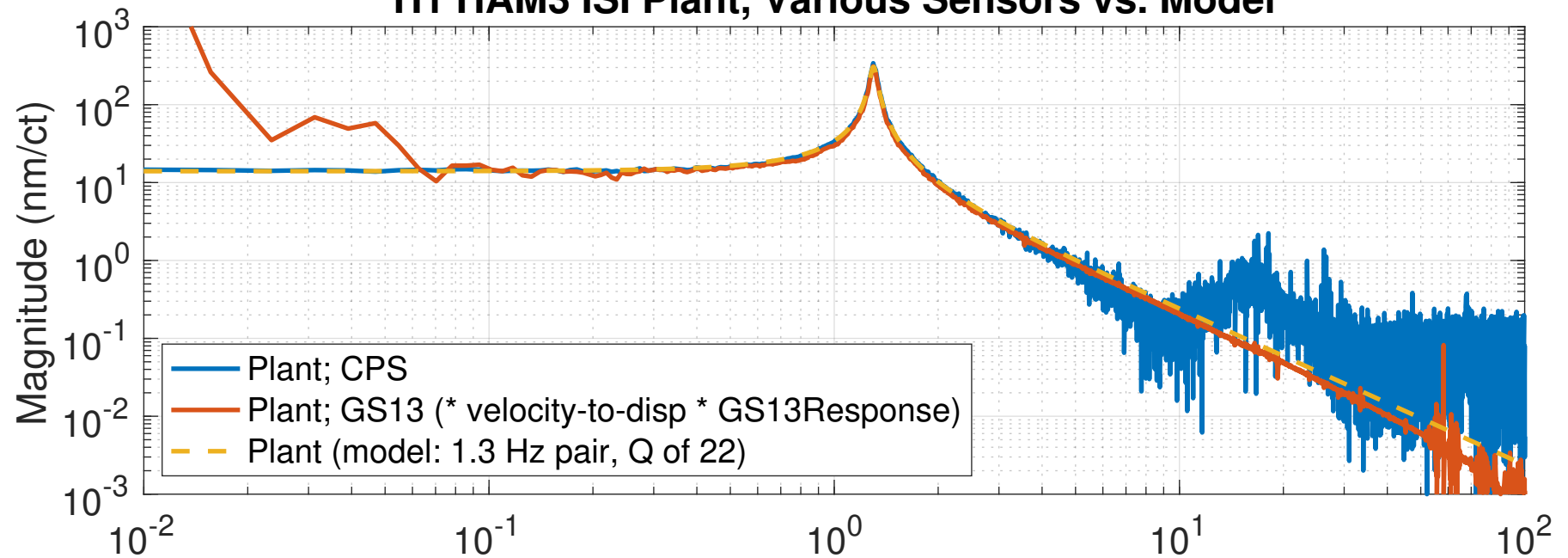


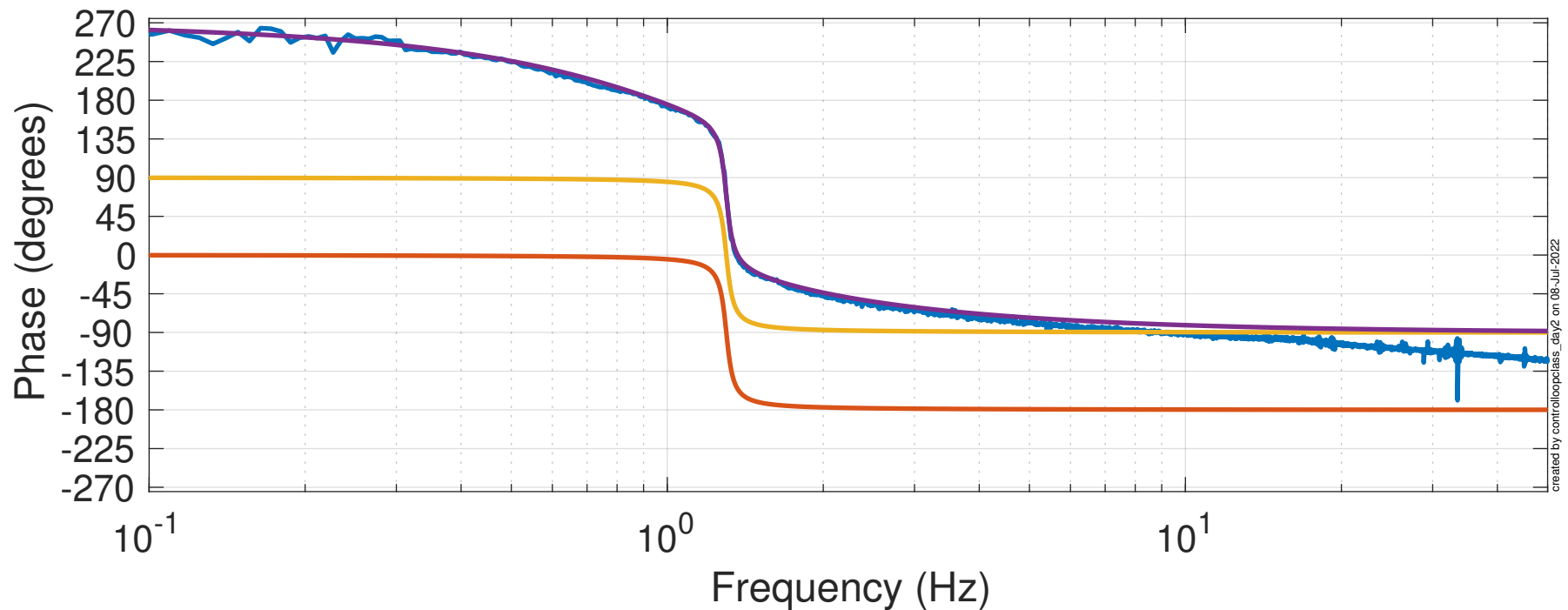
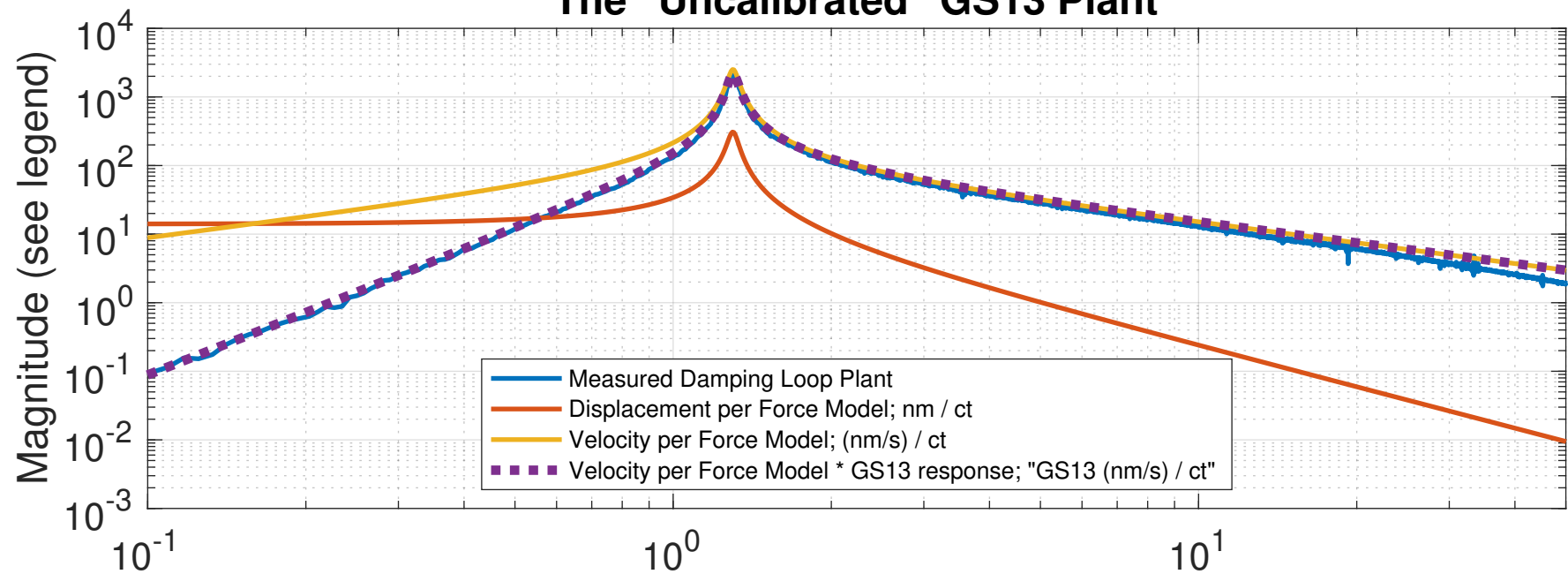
HAM3 ISI Passive Isolation Only



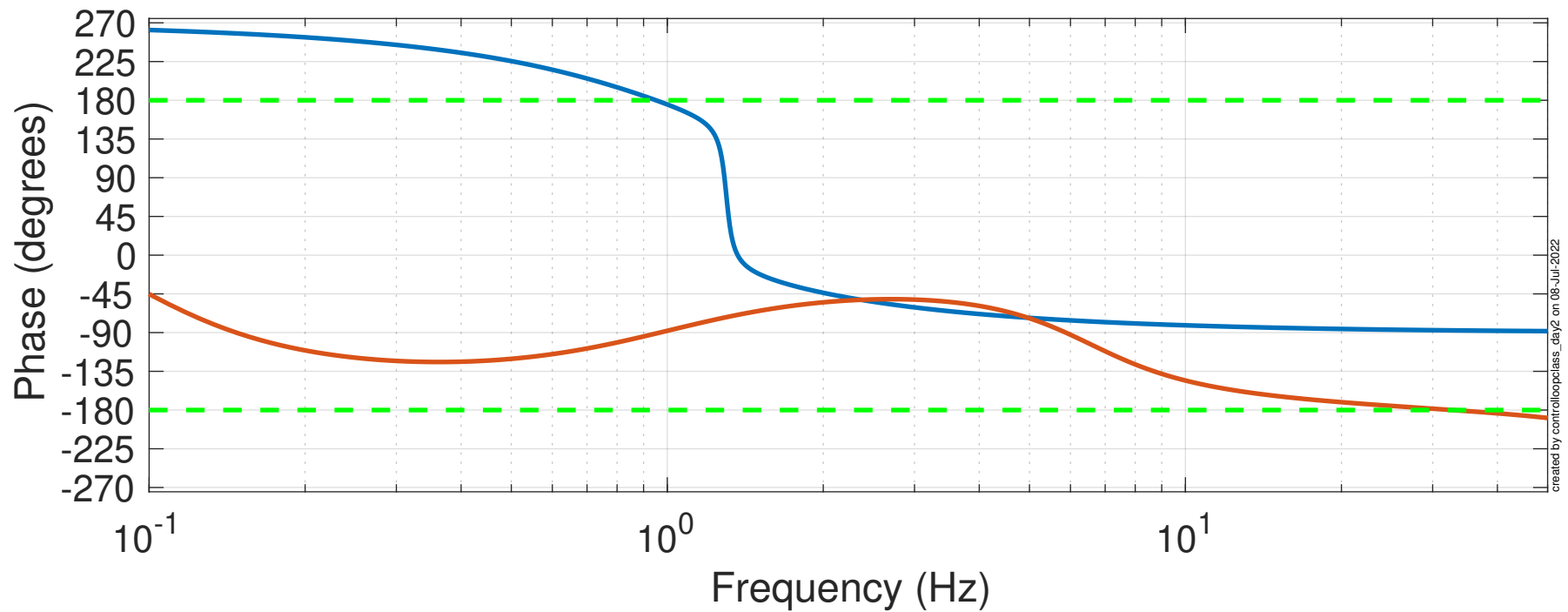
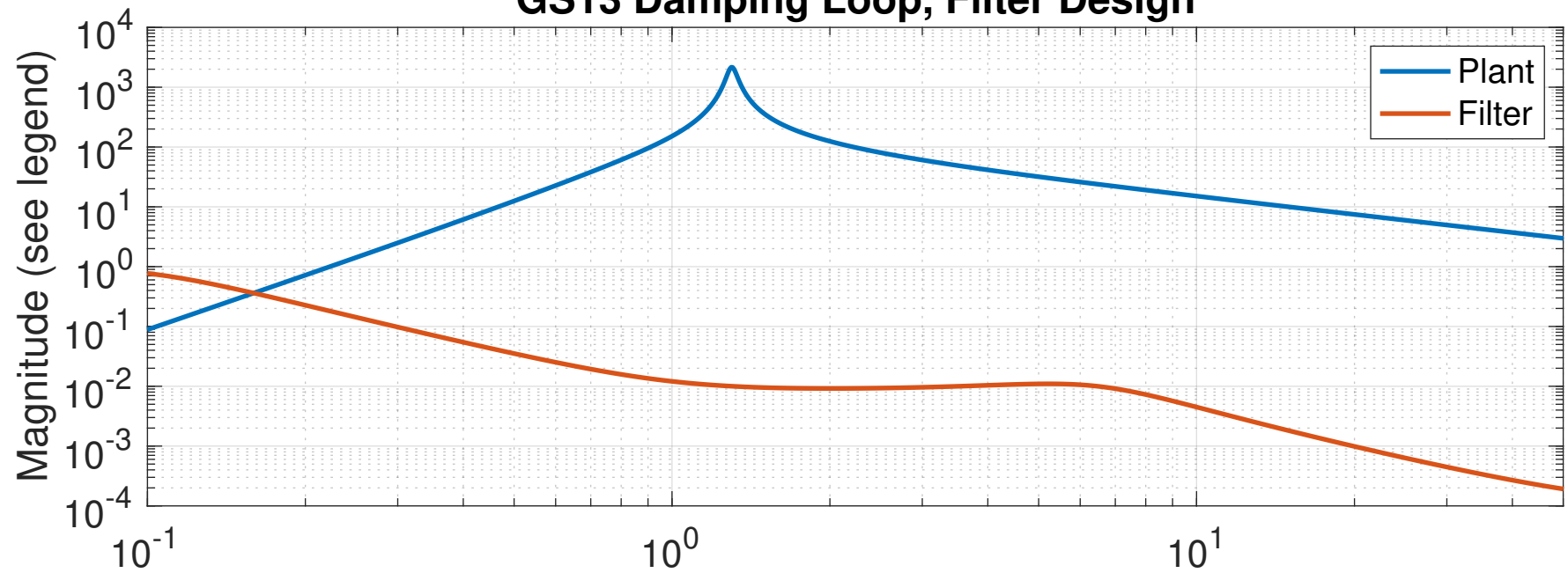
H1 HAM3 ISI Plant, Various Sensors vs. Model



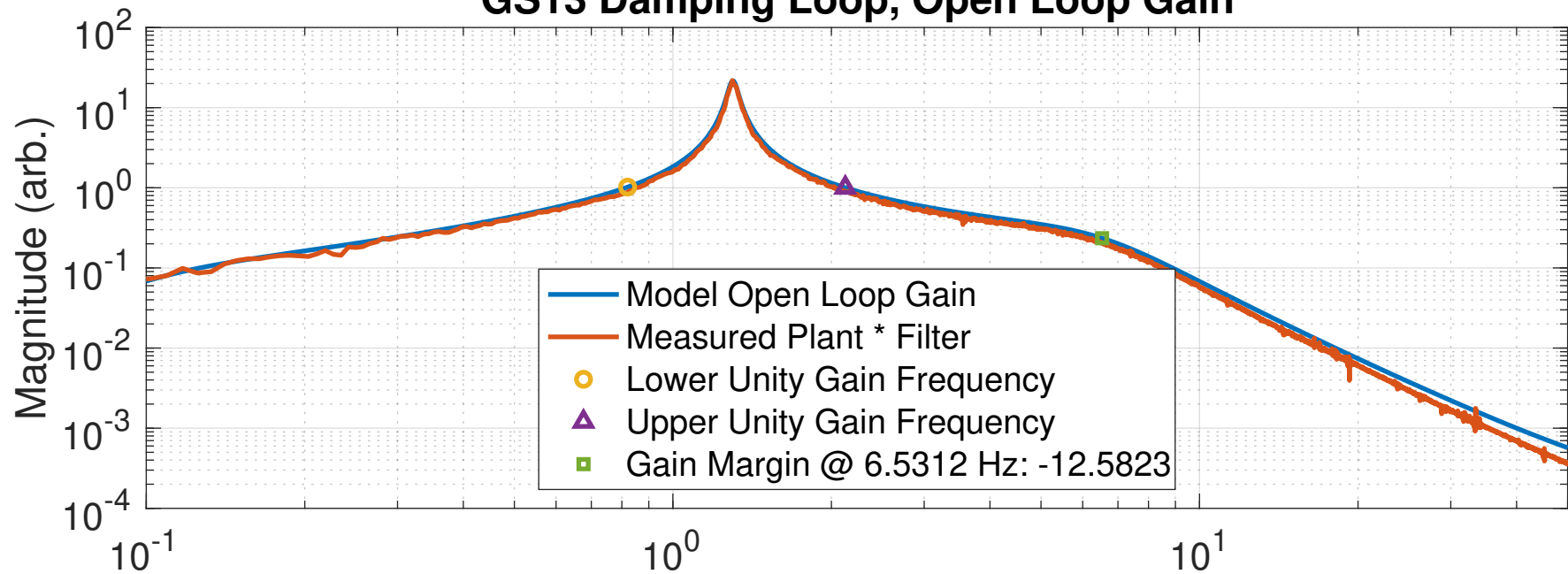
The "Uncalibrated" GS13 Plant



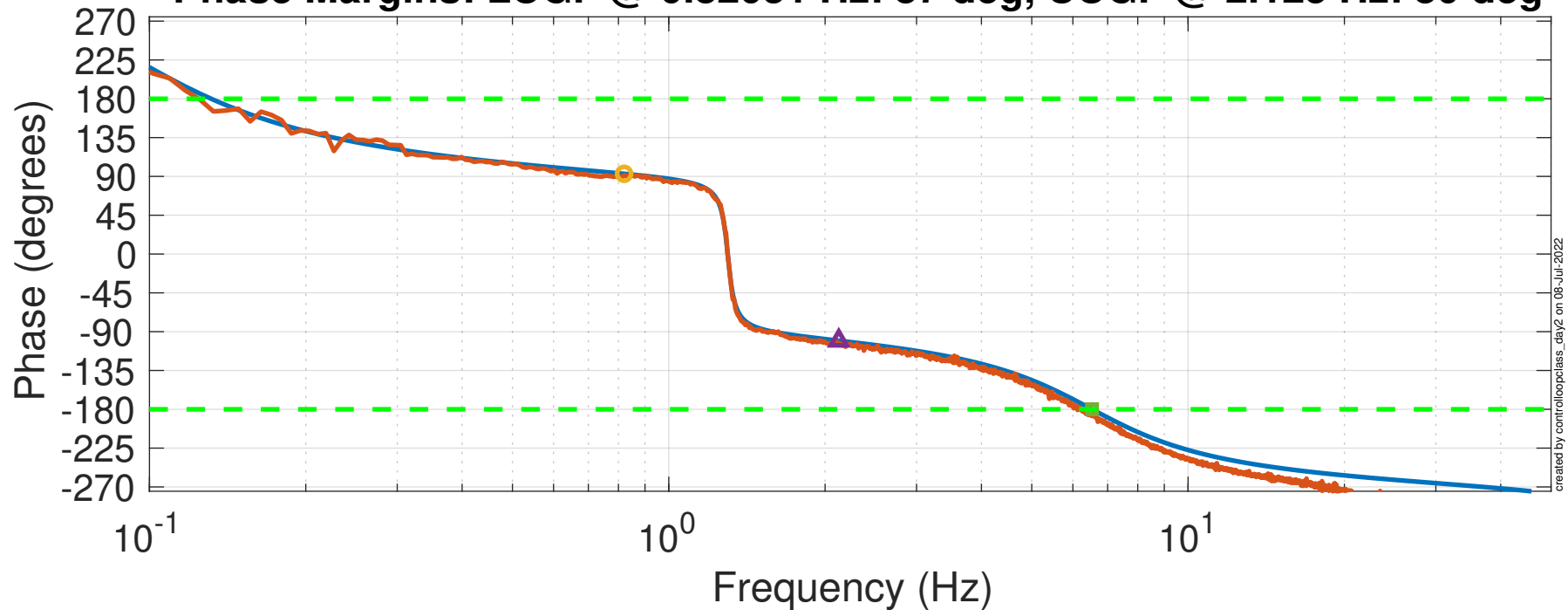
GS13 Damping Loop, Filter Design



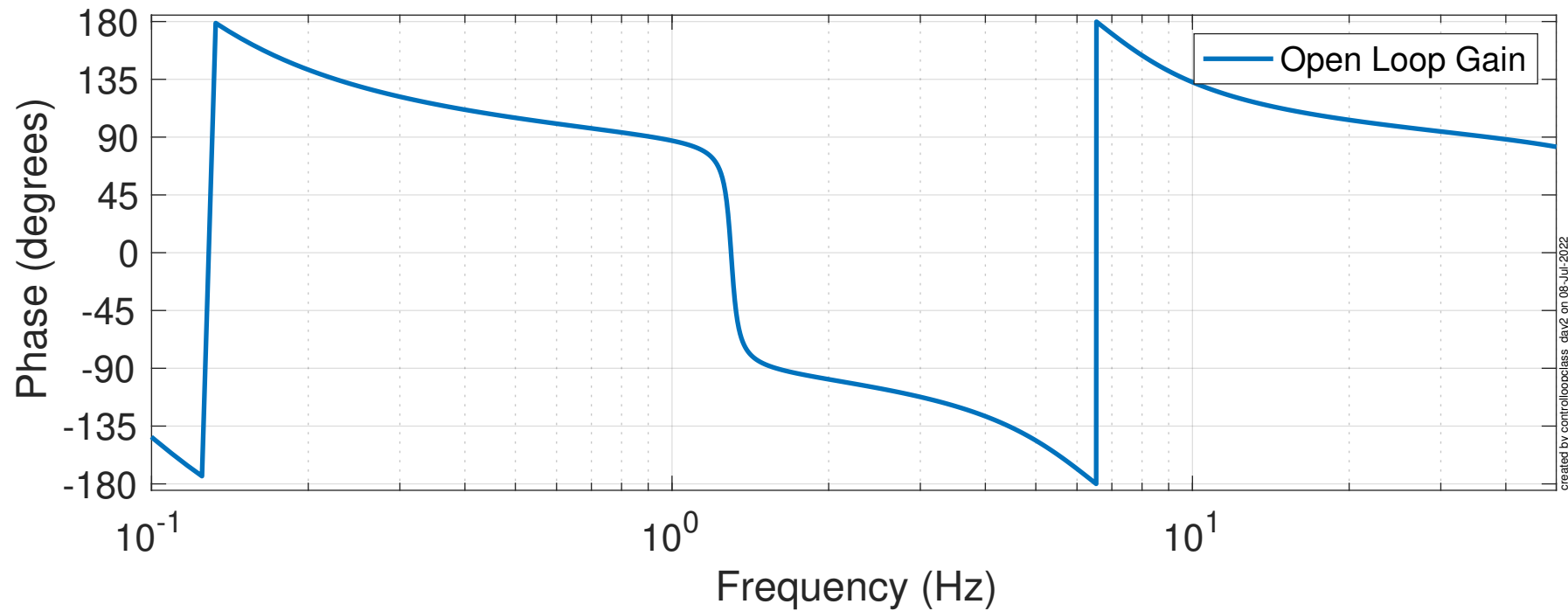
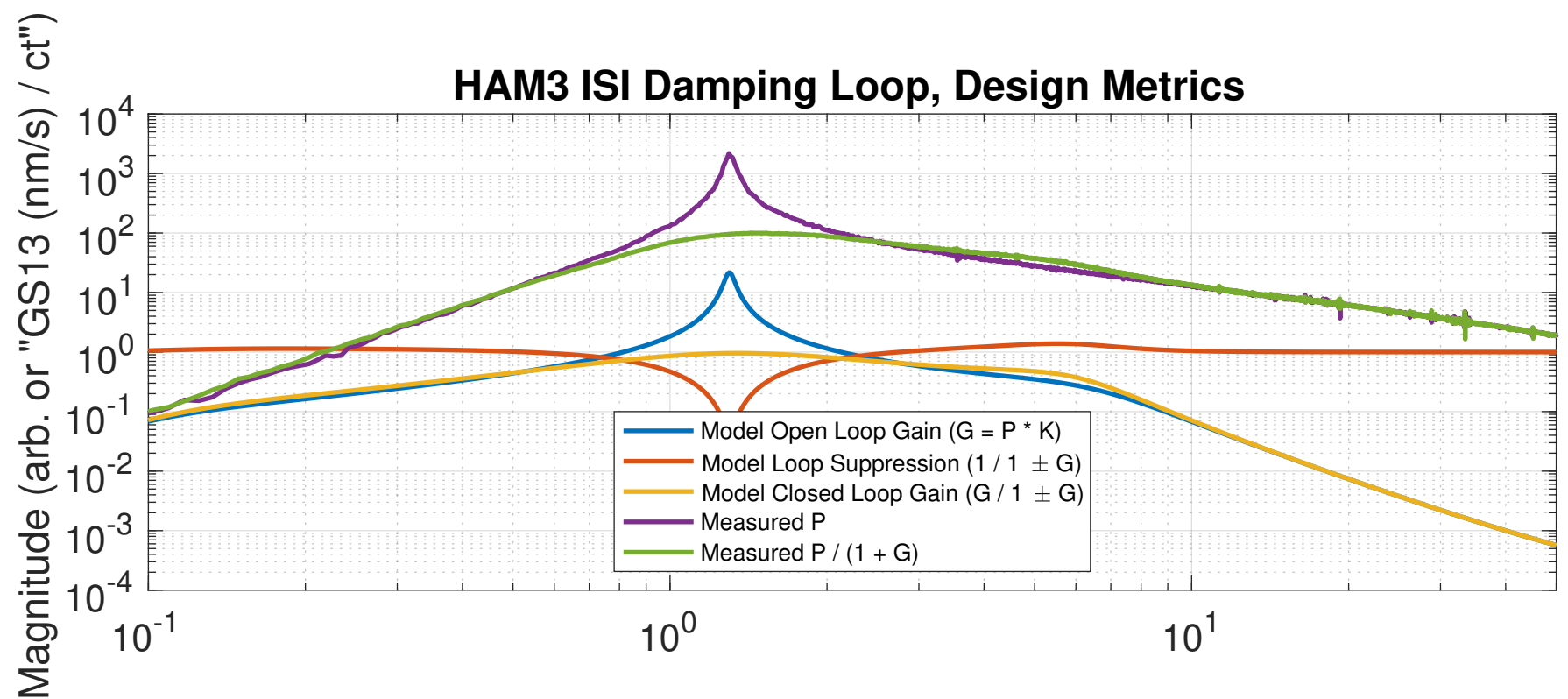
GS13 Damping Loop, Open Loop Gain



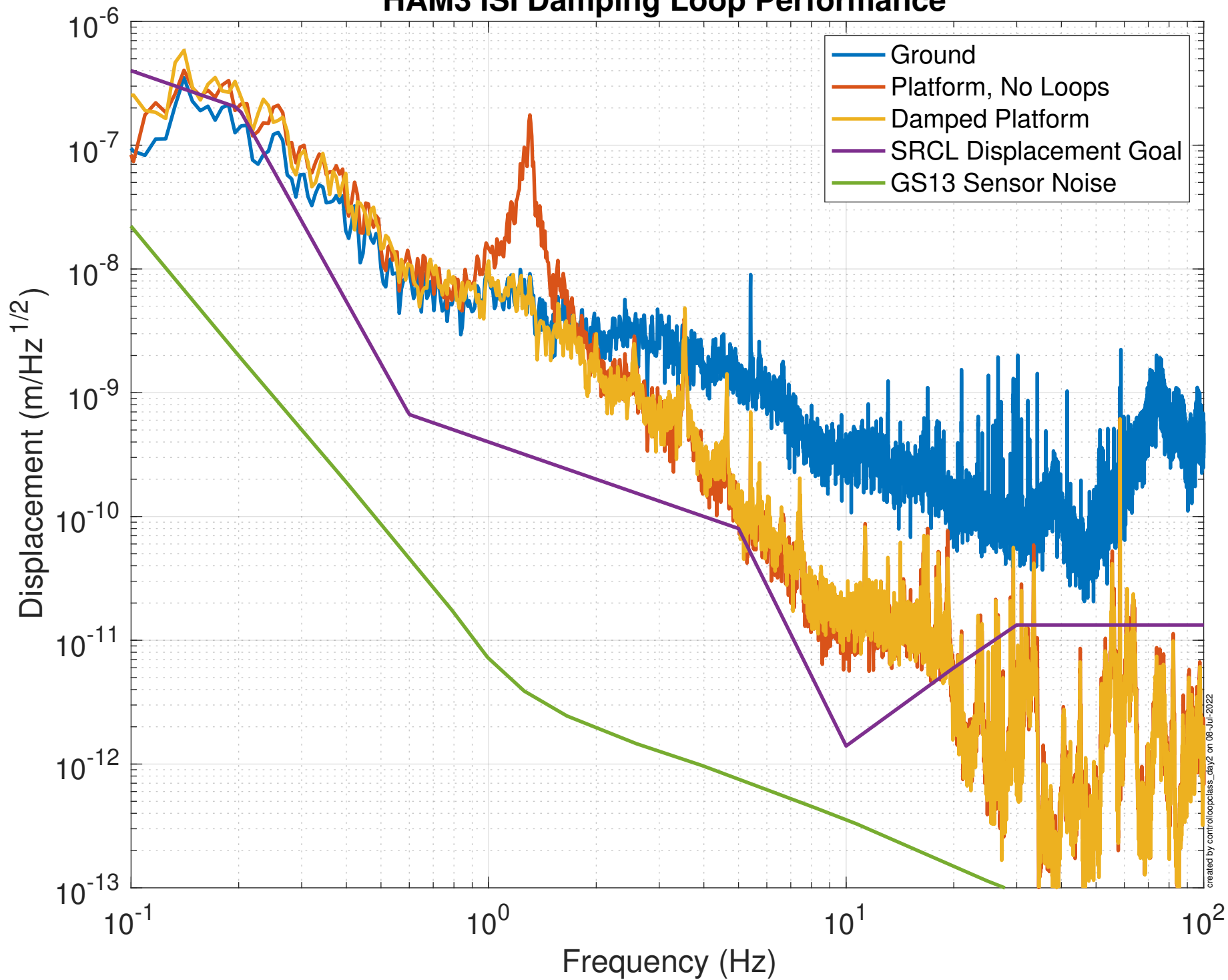
Phase Margins: LUGF @ 0.82031 Hz: 87 deg, UUGF @ 2.125 Hz: 80 deg



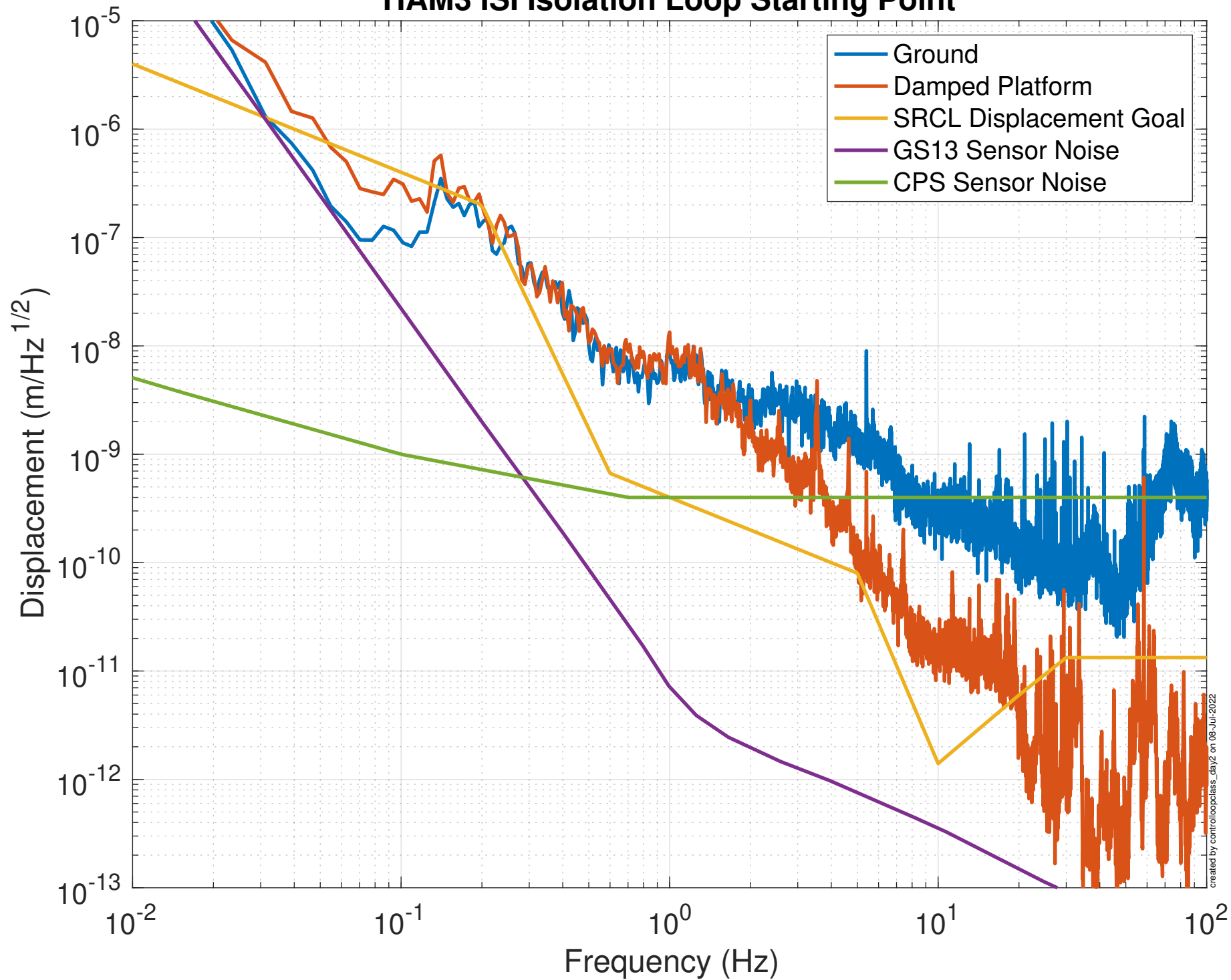
HAM3 ISI Damping Loop, Design Metrics



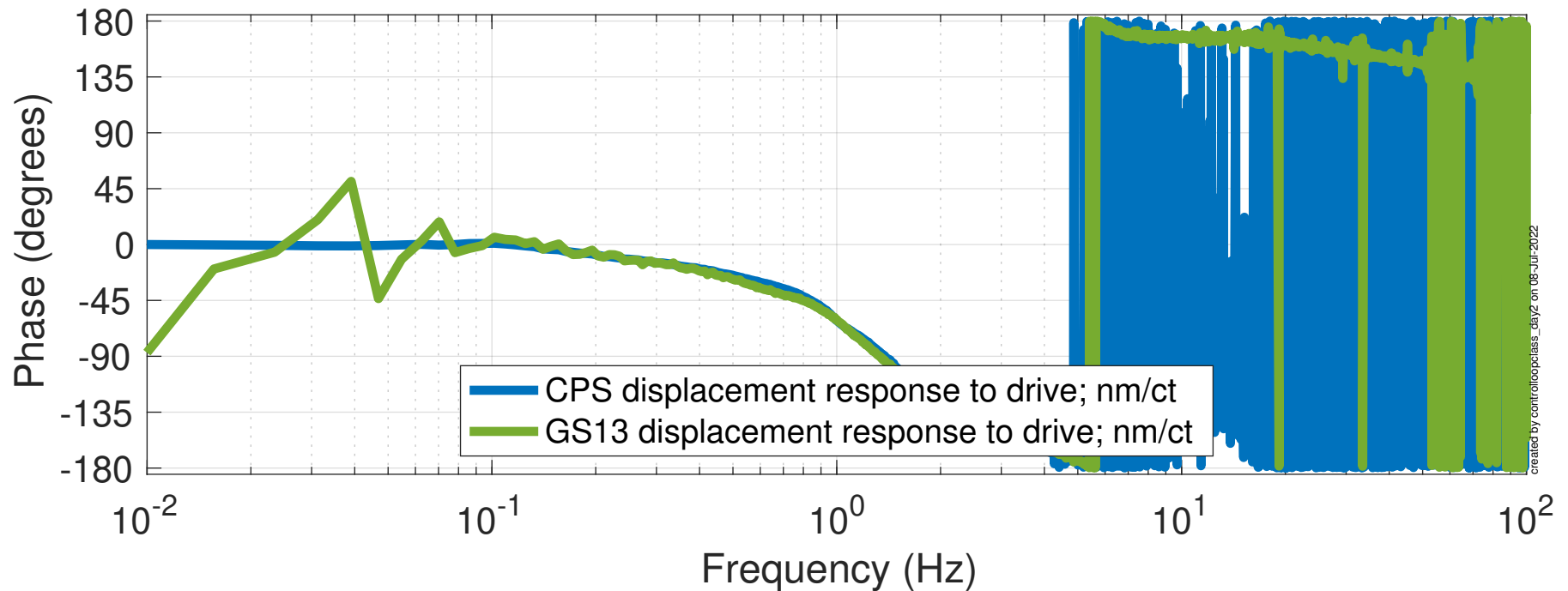
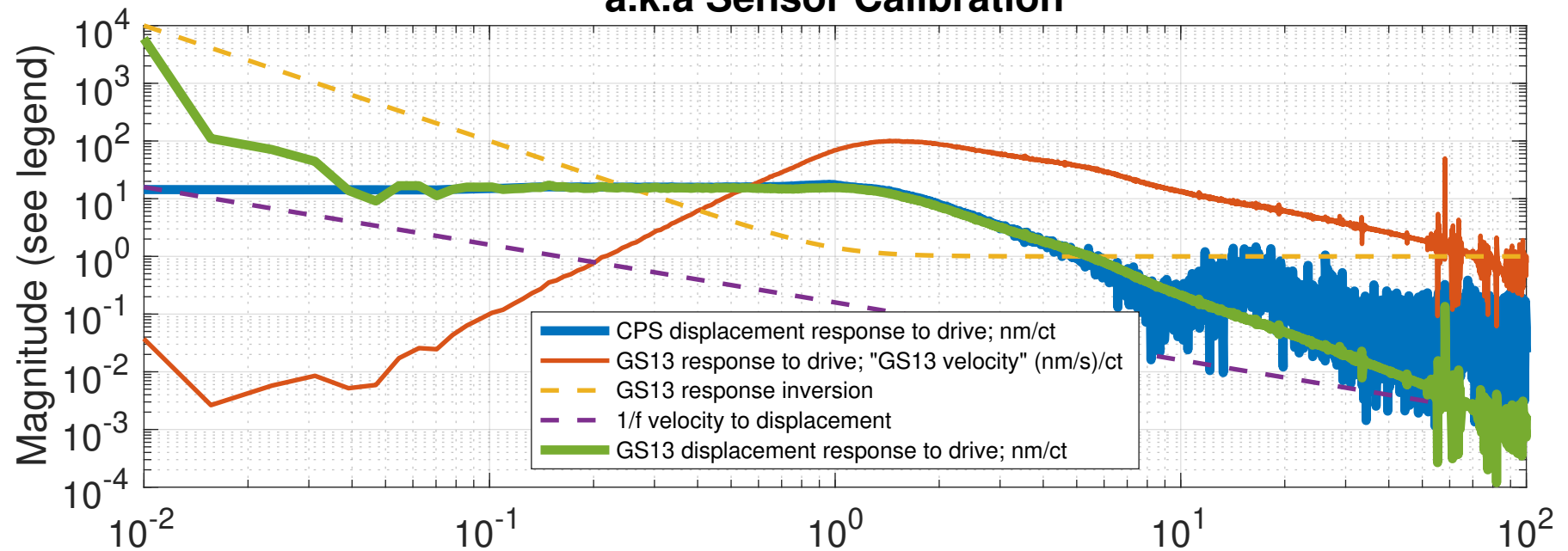
HAM3 ISI Damping Loop Performance



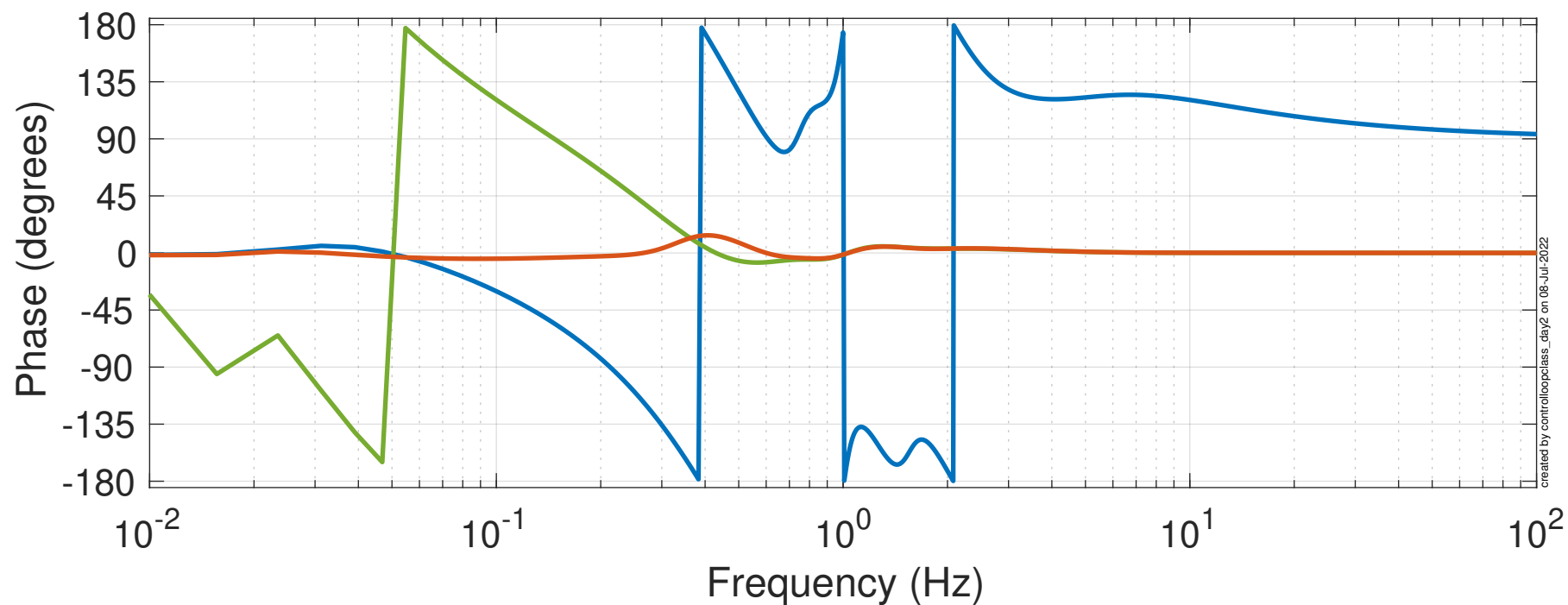
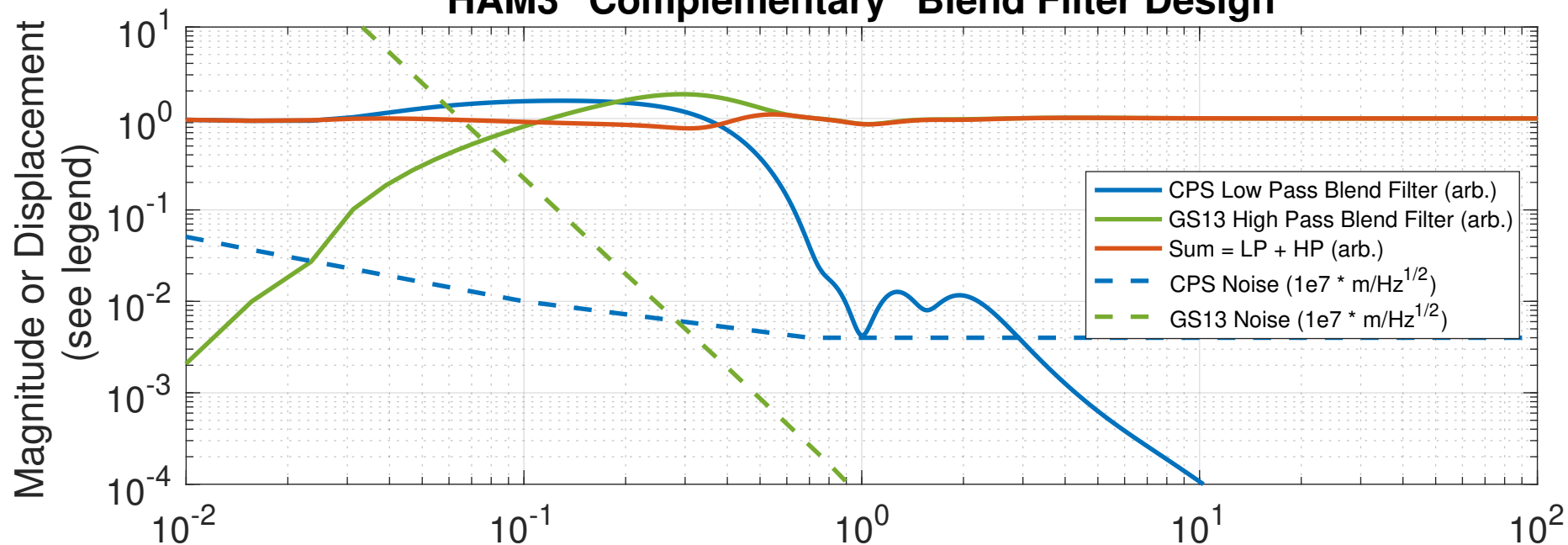
HAM3 ISI Isolation Loop Starting Point



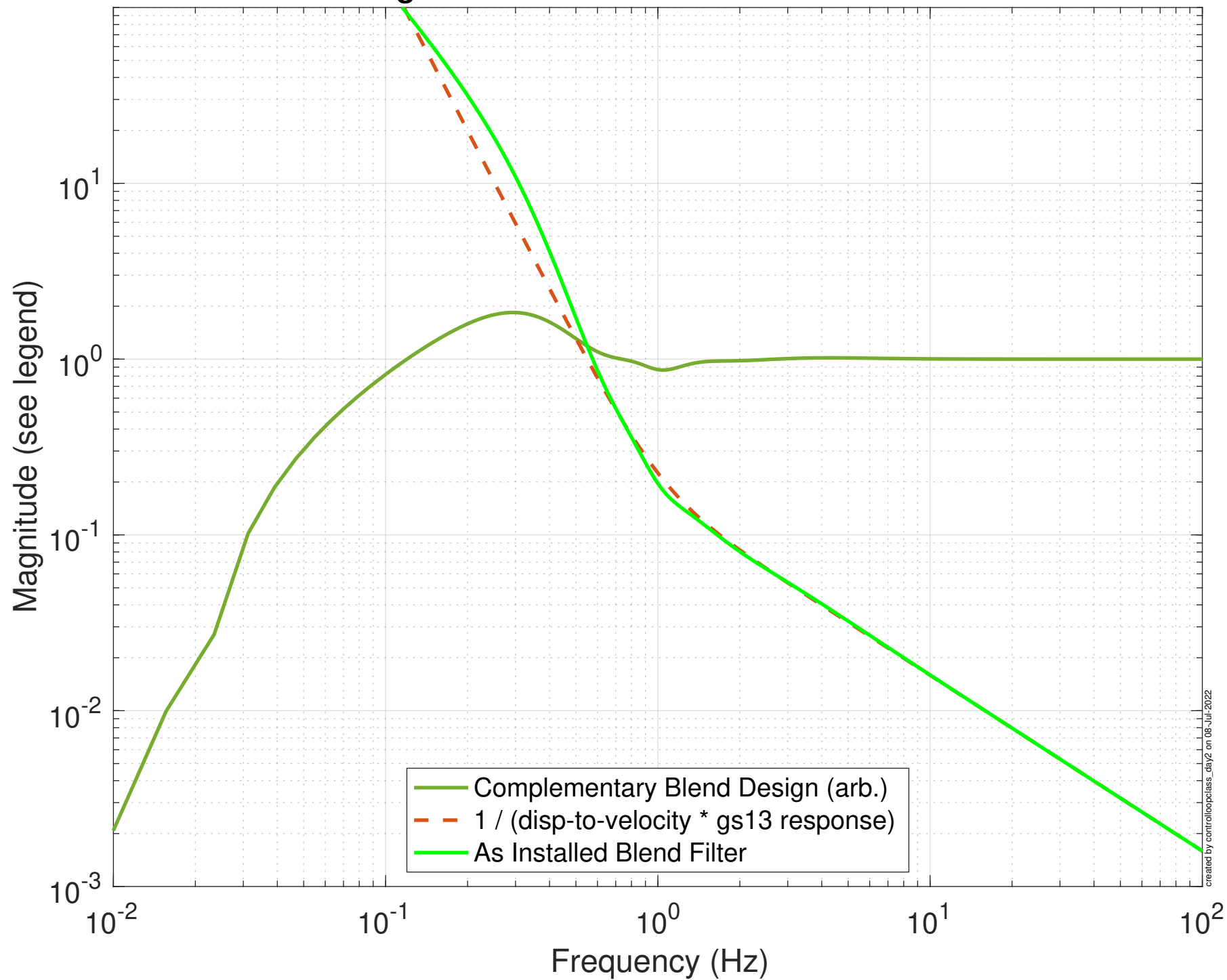
Isolation Loop "Plant" before Blend Filters a.k.a Sensor Calibration



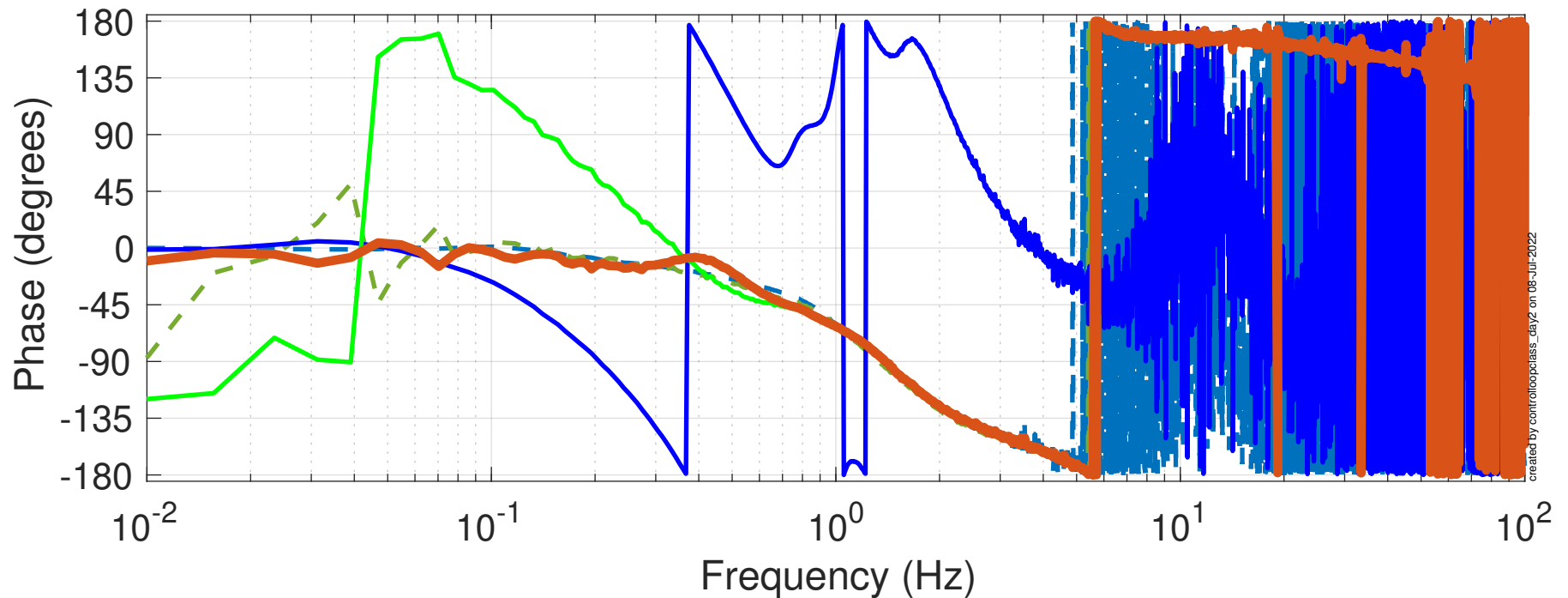
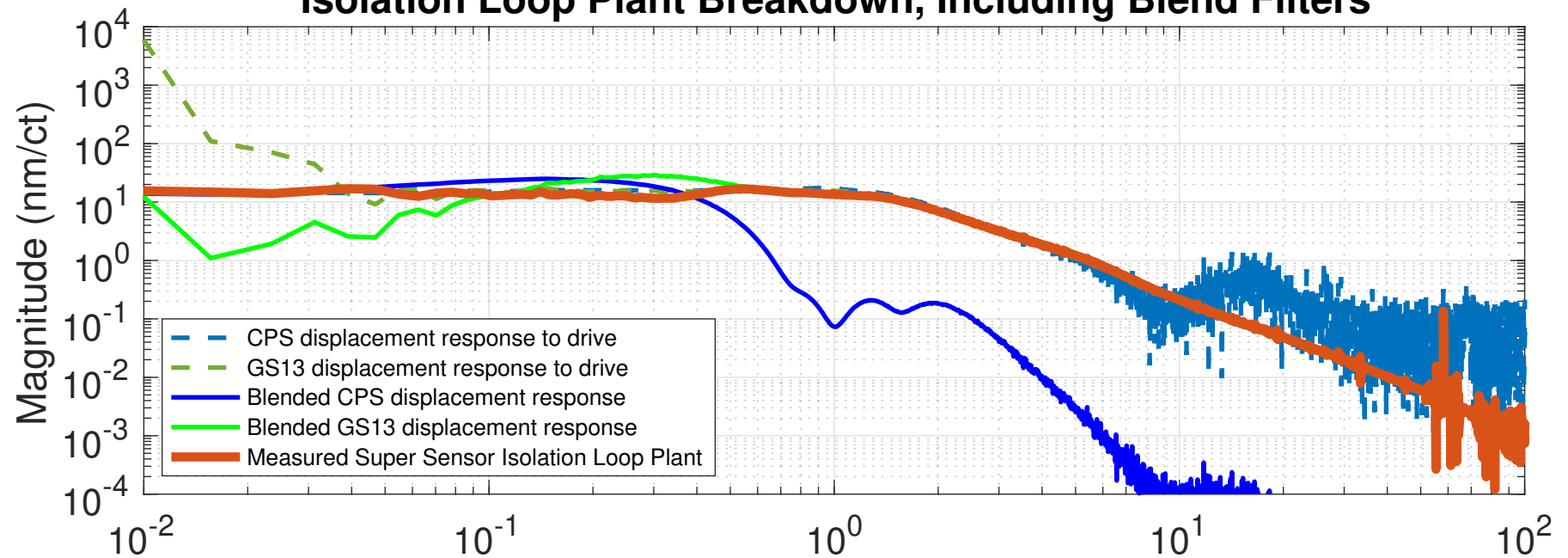
HAM3 "Complementary" Blend Filter Design



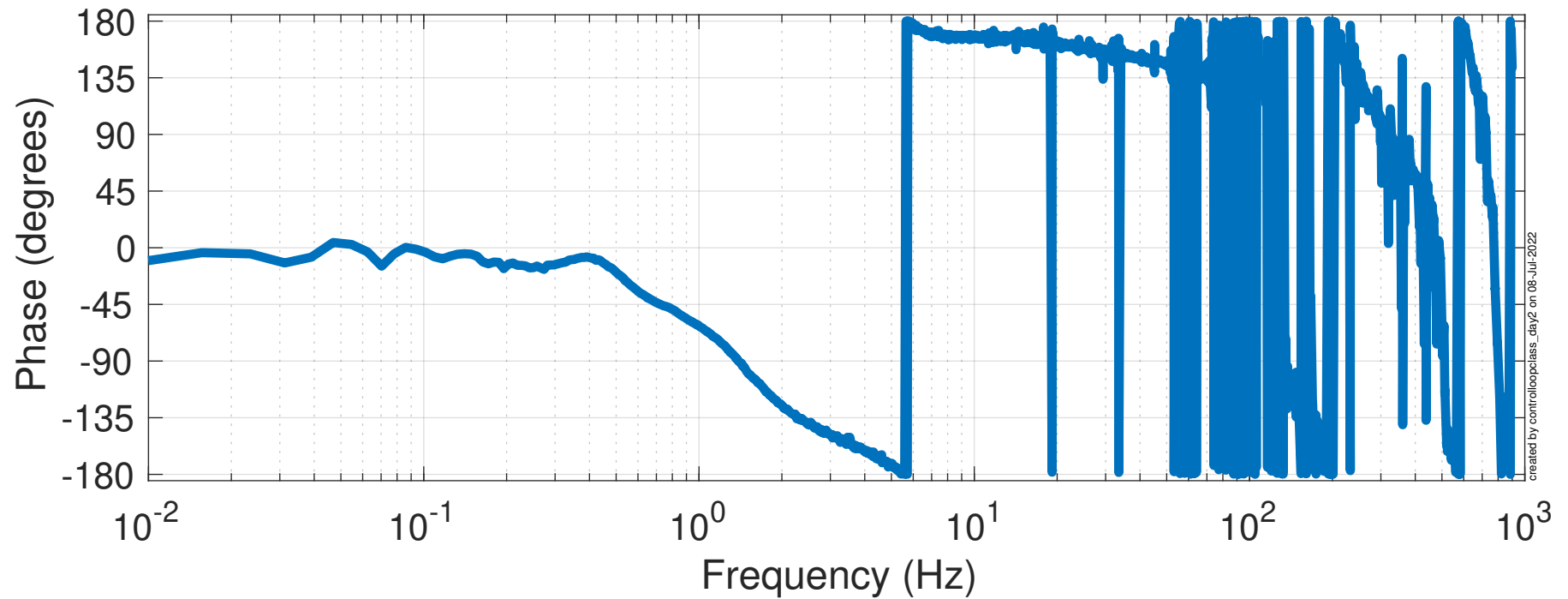
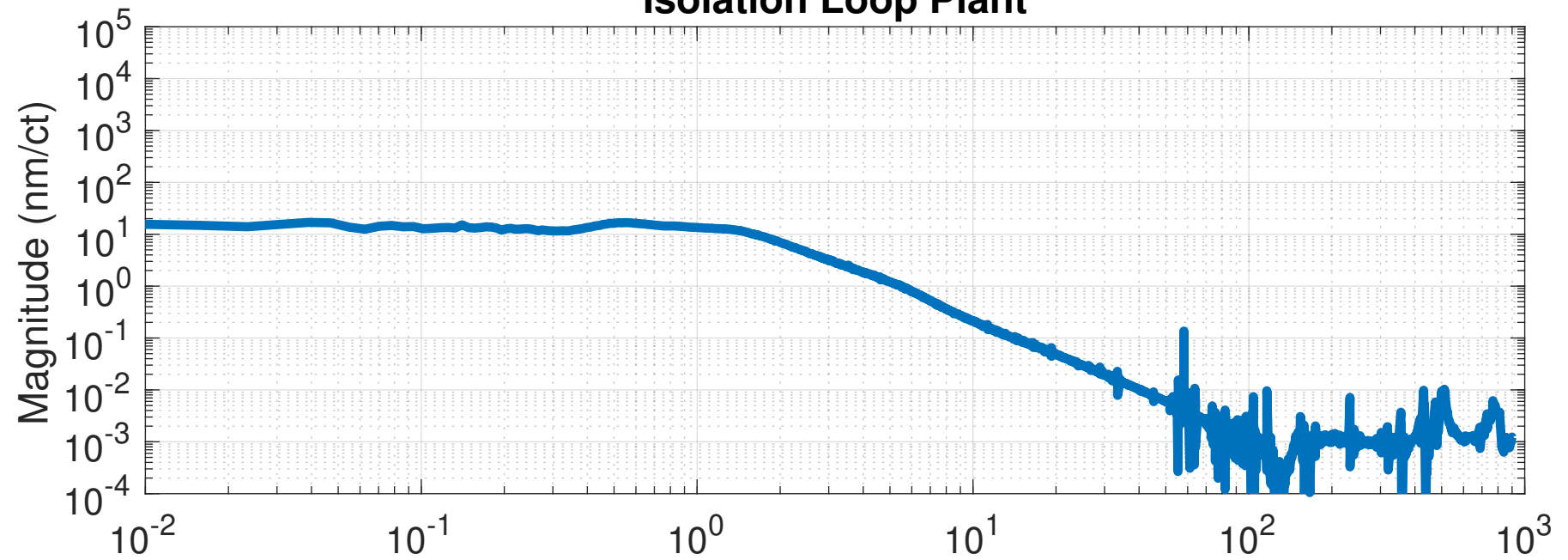
High Pass Blend Filter Unit Conversion



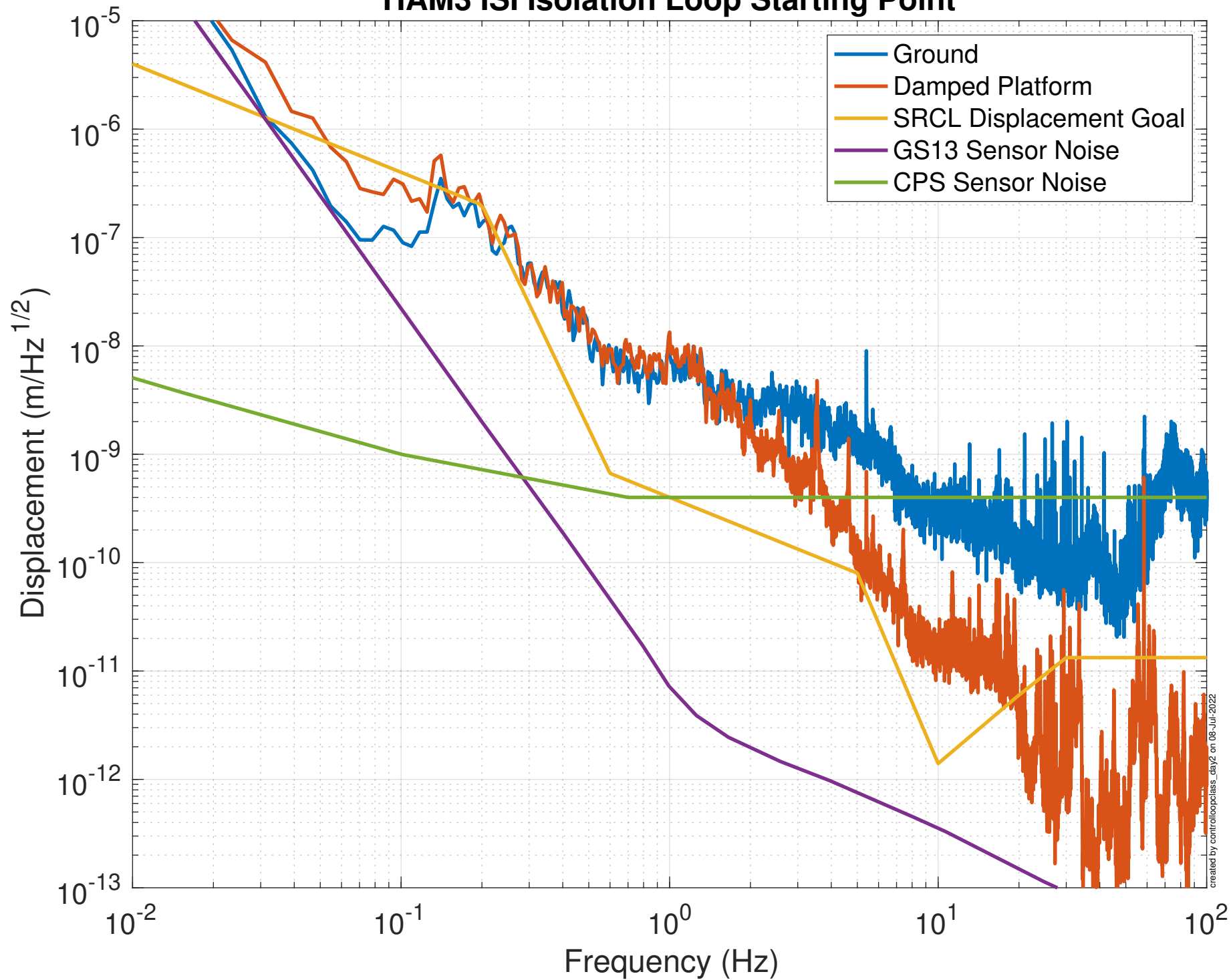
Isolation Loop Plant Breakdown, Including Blend Filters



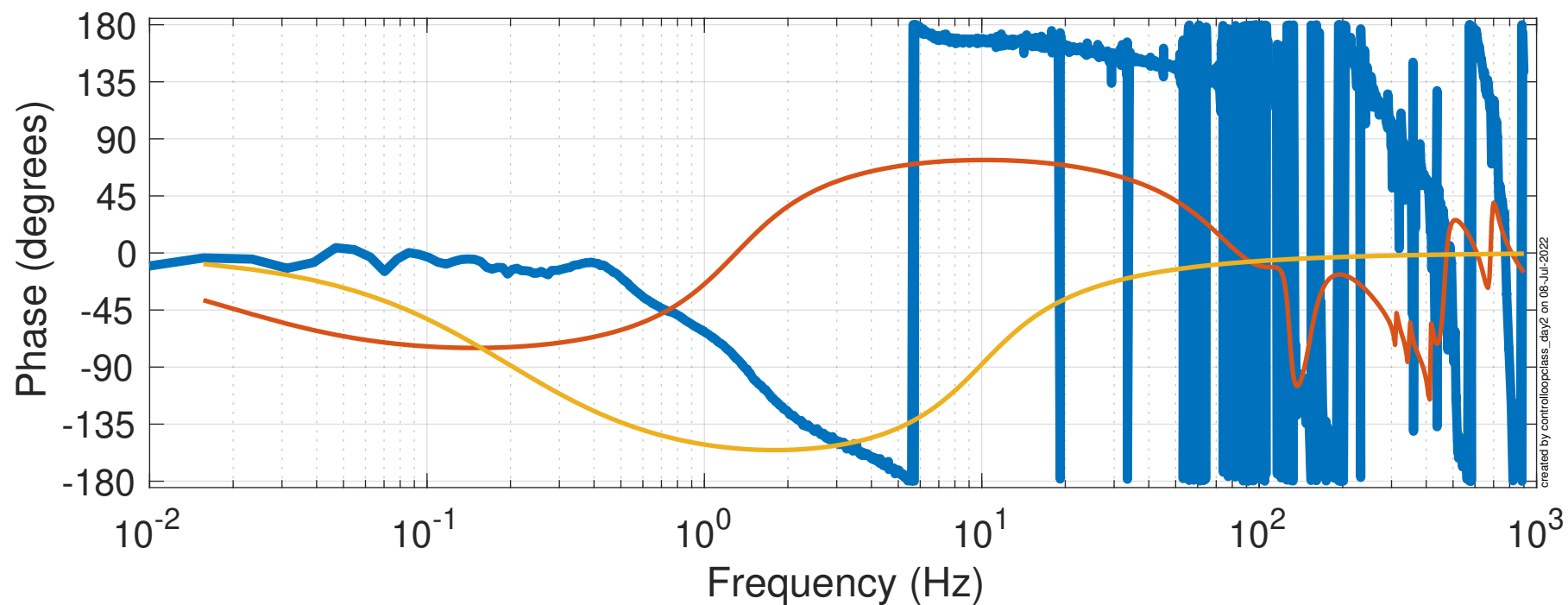
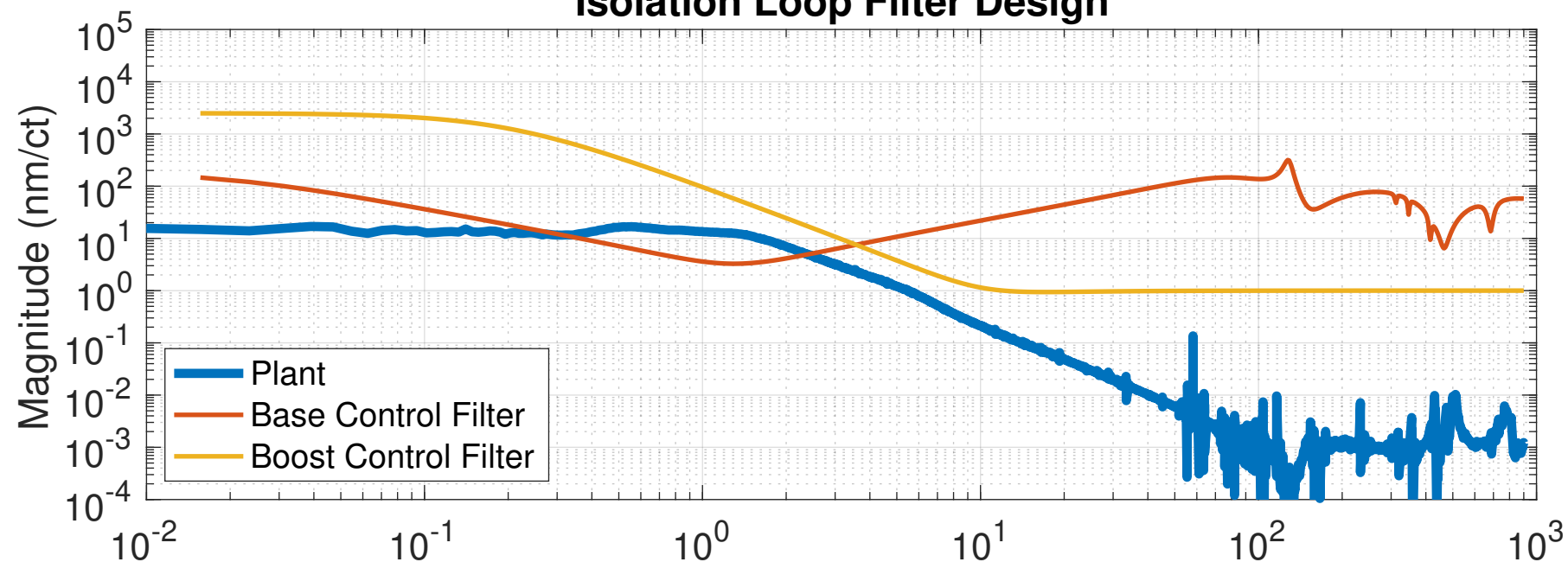
Isolation Loop Plant



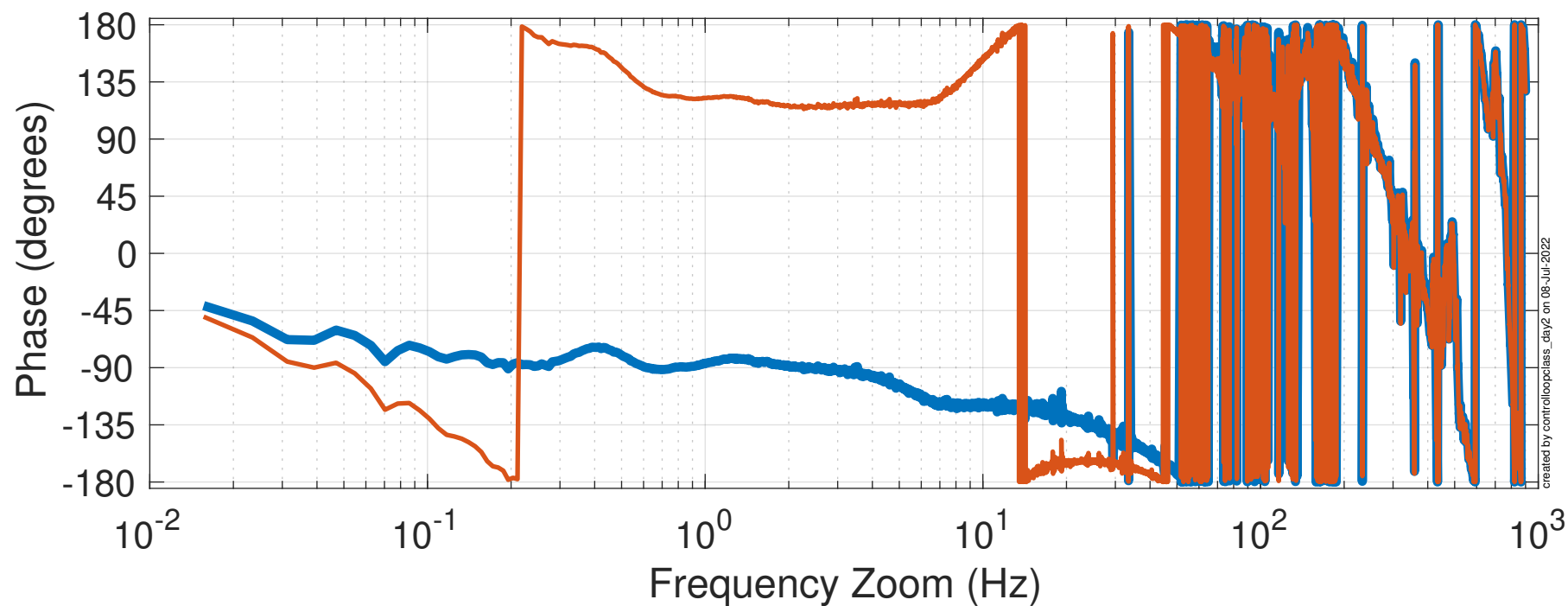
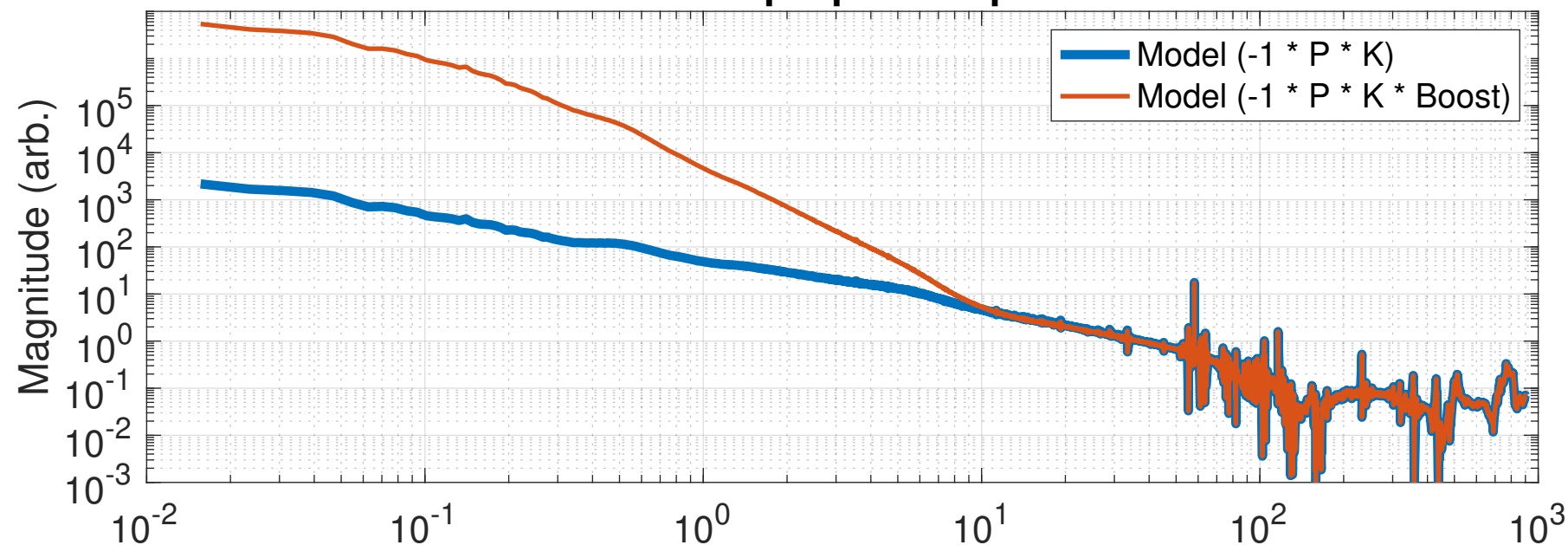
HAM3 ISI Isolation Loop Starting Point



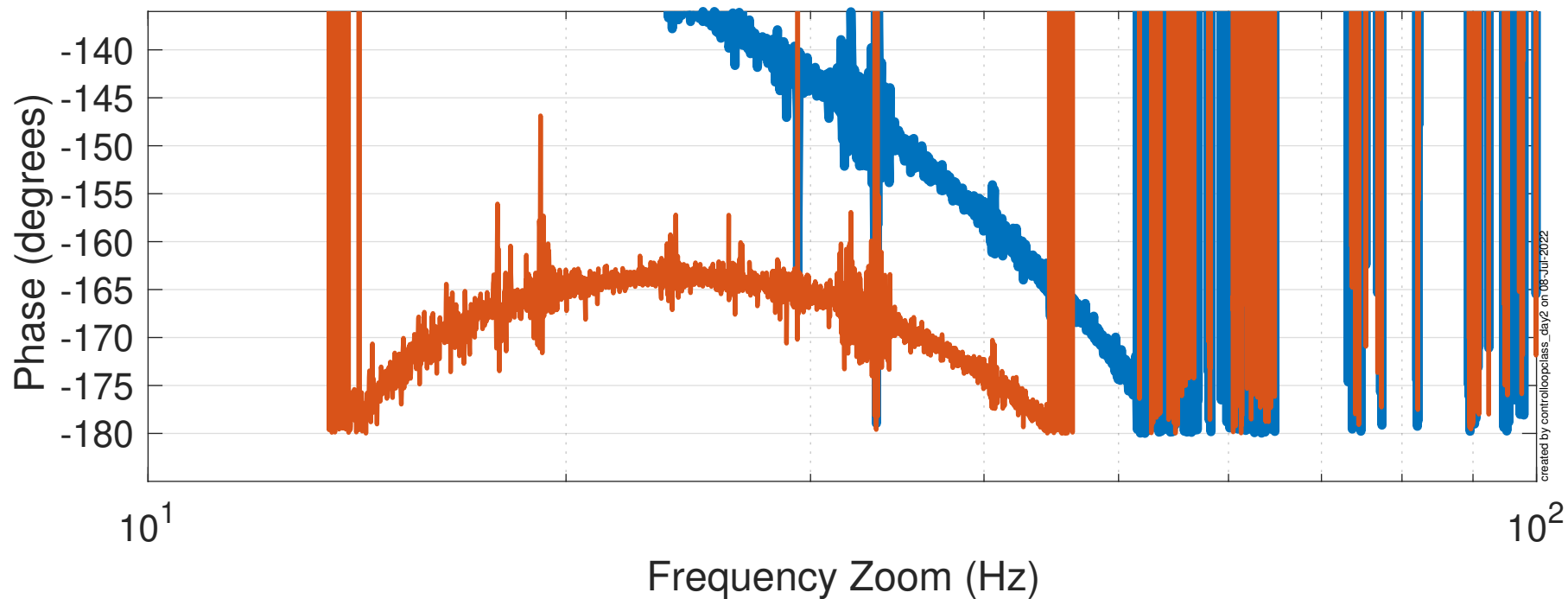
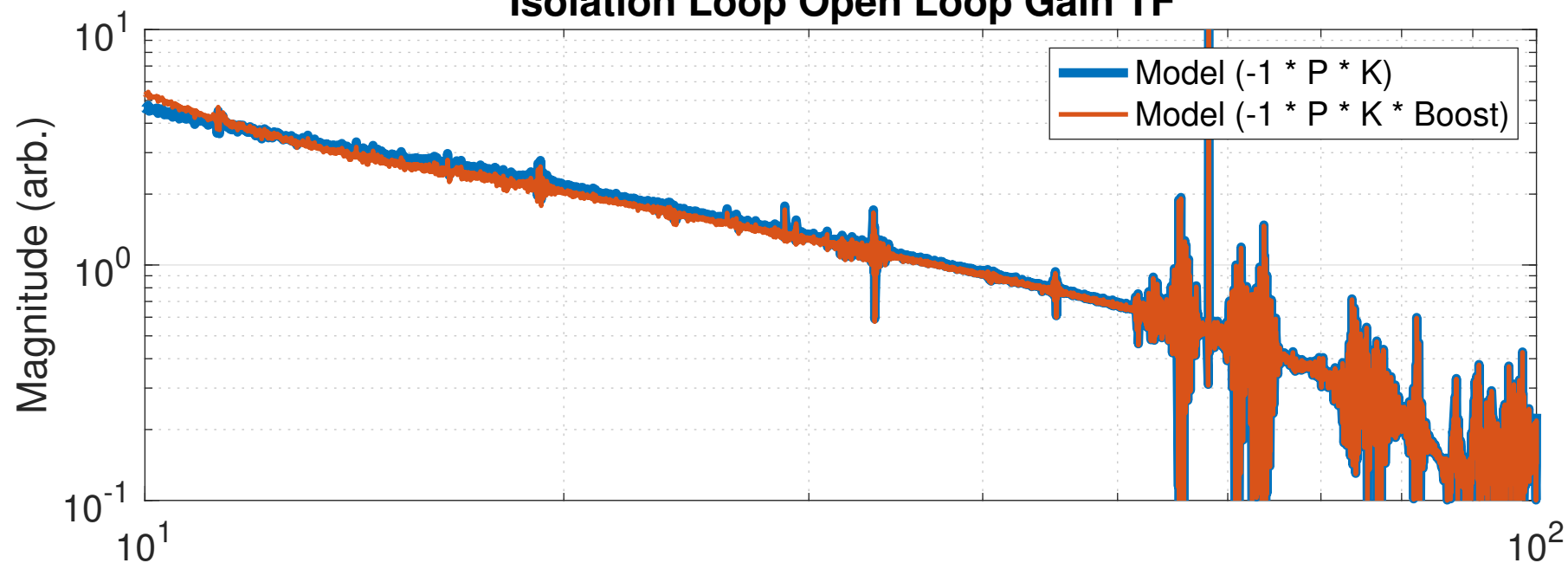
Isolation Loop Filter Design



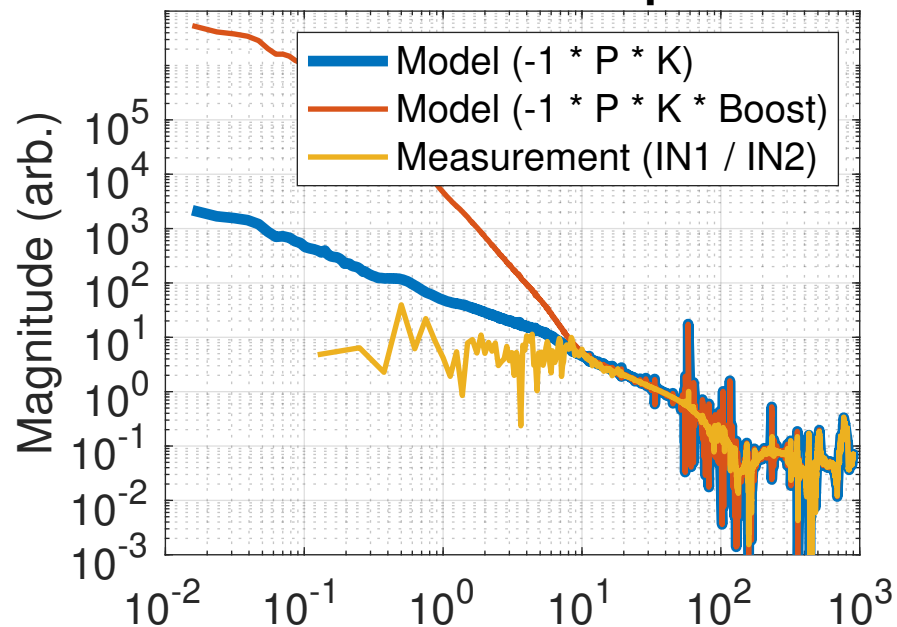
Isolation Loop Open Loop Gain TF



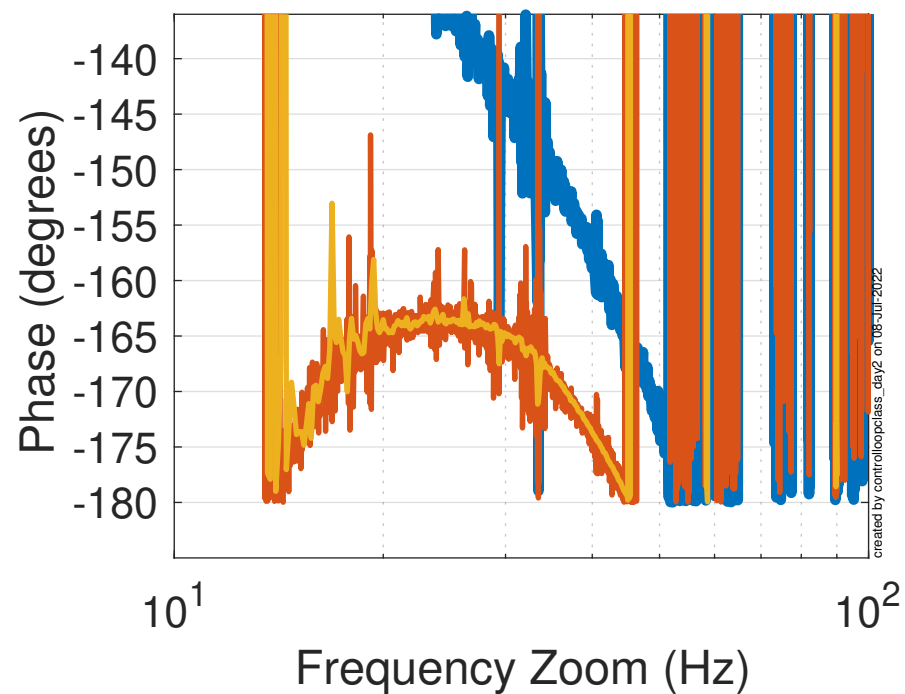
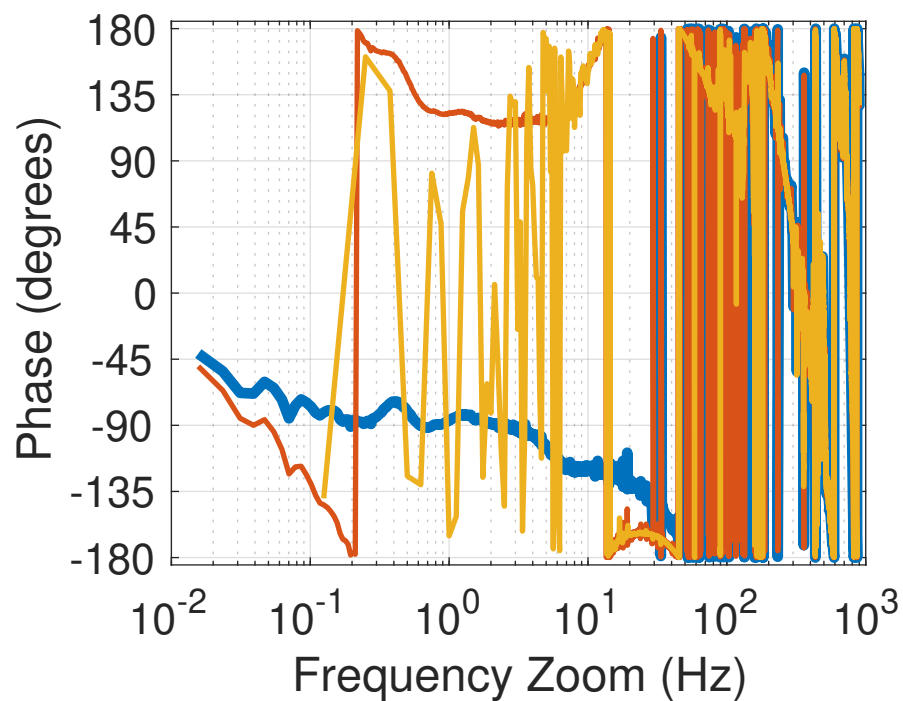
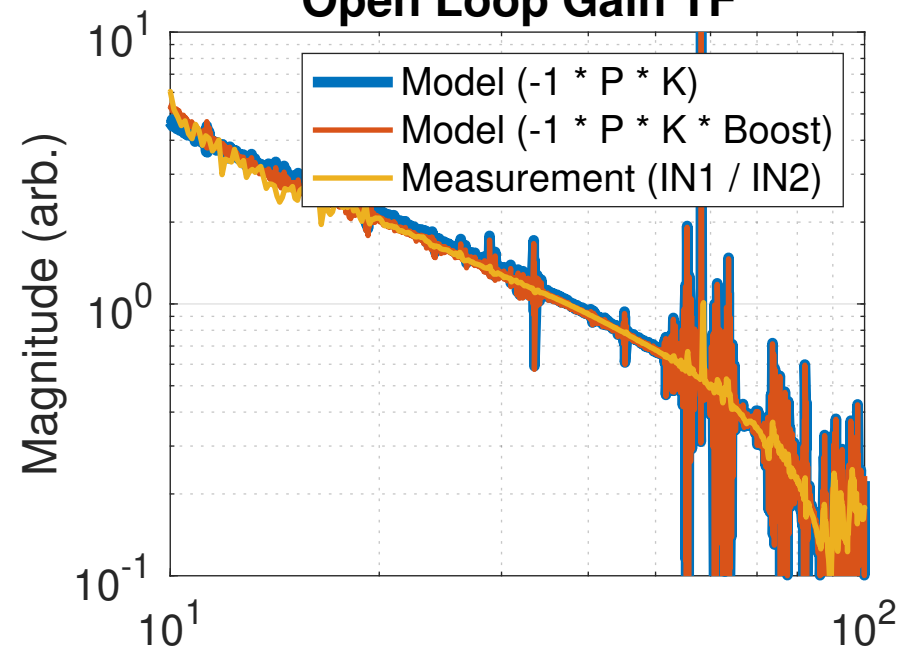
Isolation Loop Open Loop Gain TF



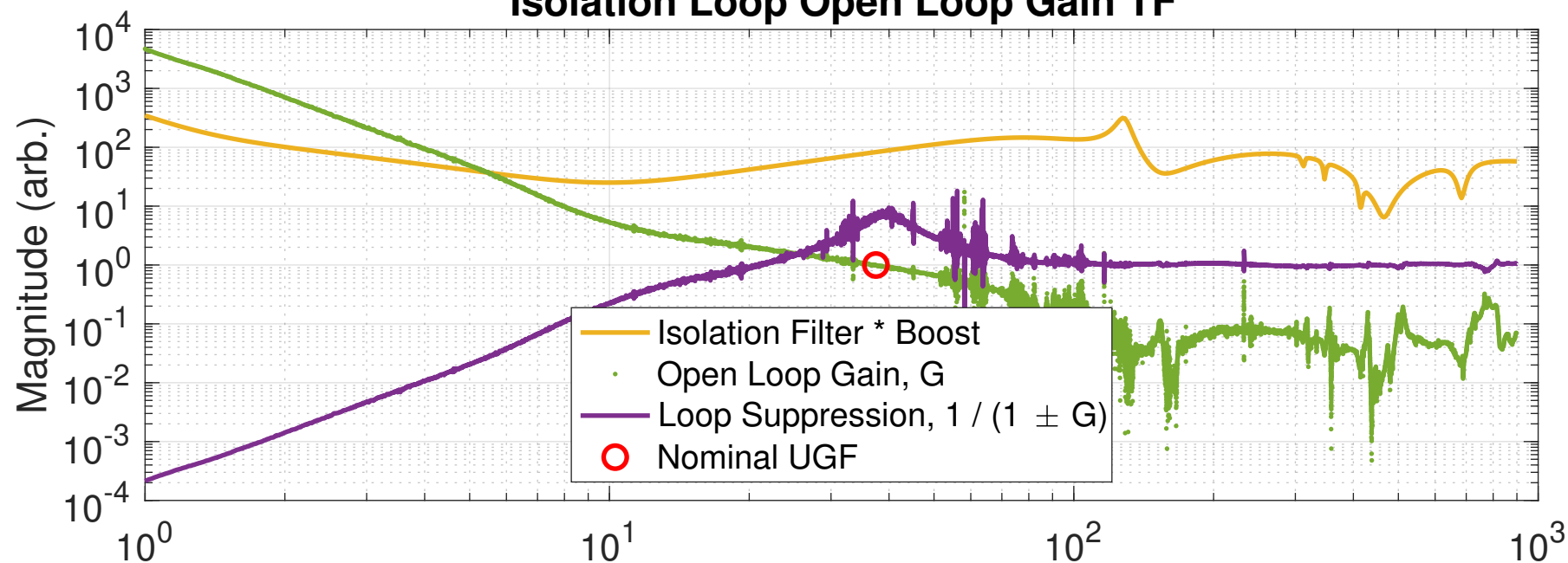
Isolation Loop



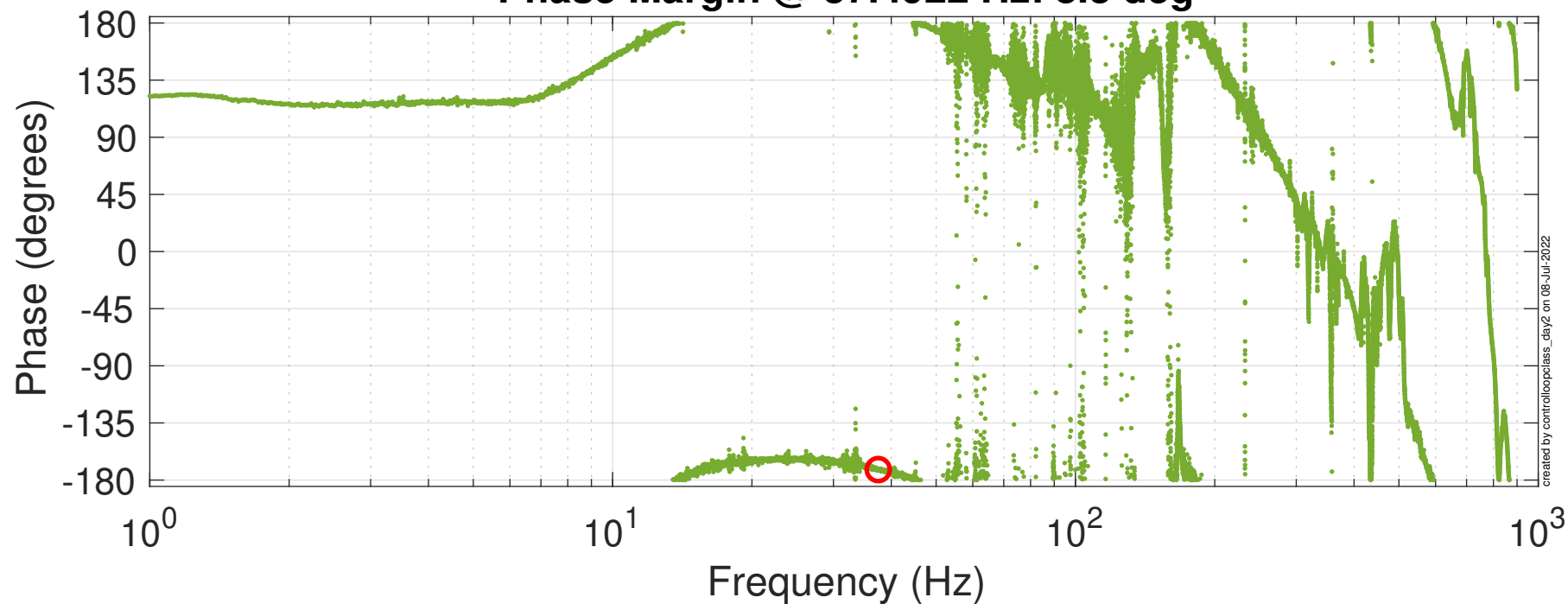
Open Loop Gain TF



Isolation Loop Open Loop Gain TF



Phase Margin @ 37.4922 Hz: 8.3 deg



HAM3 ISI Isolation Loop End Point

