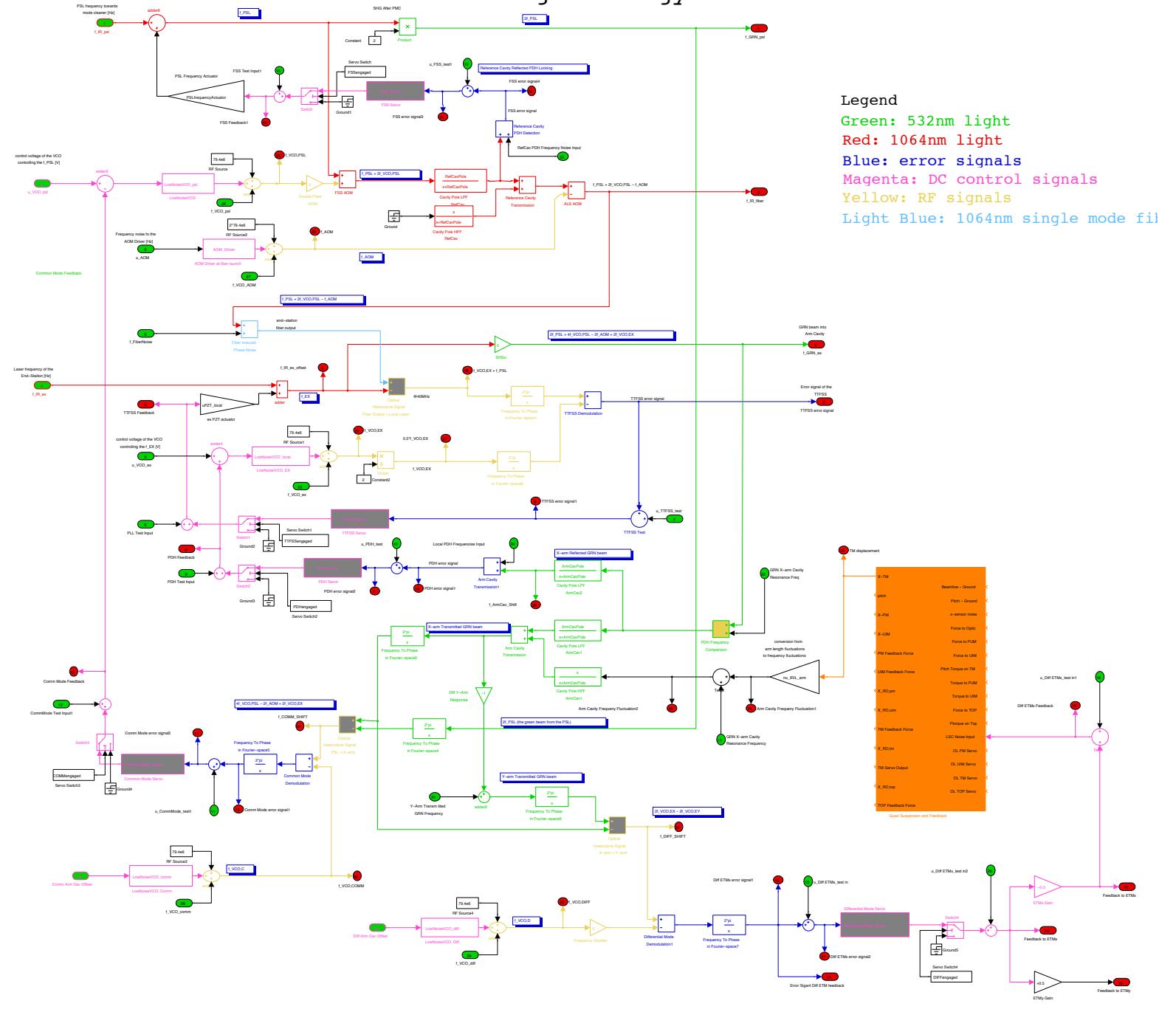
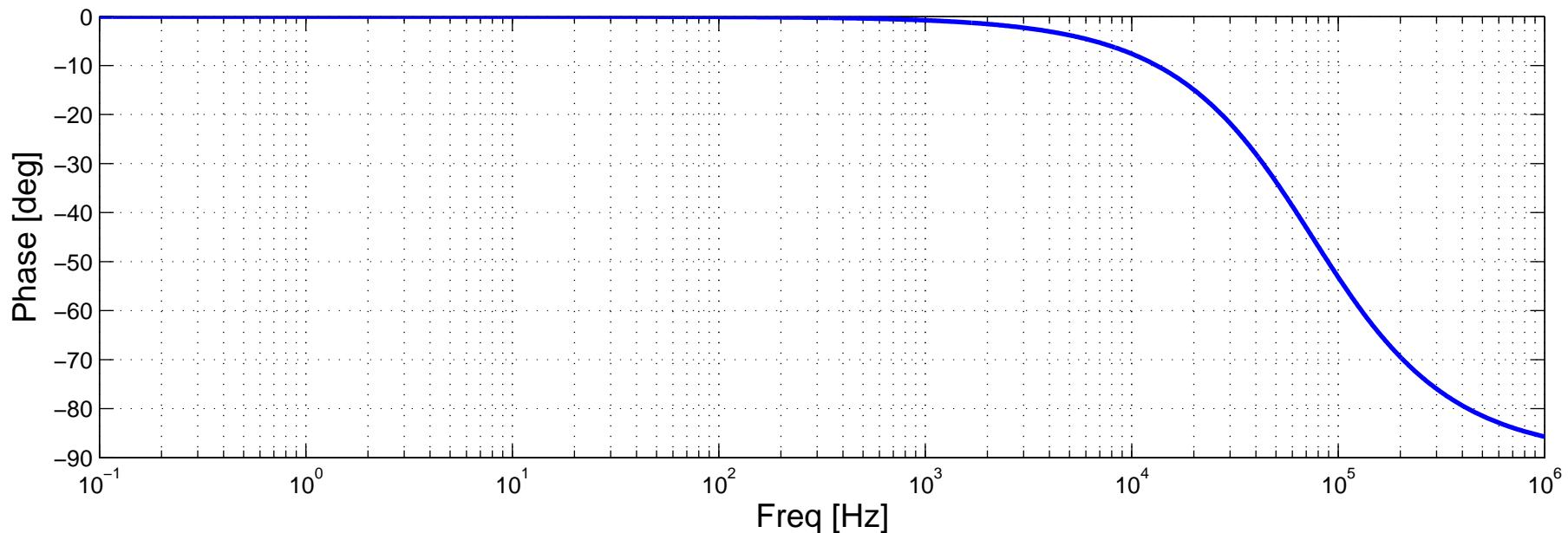
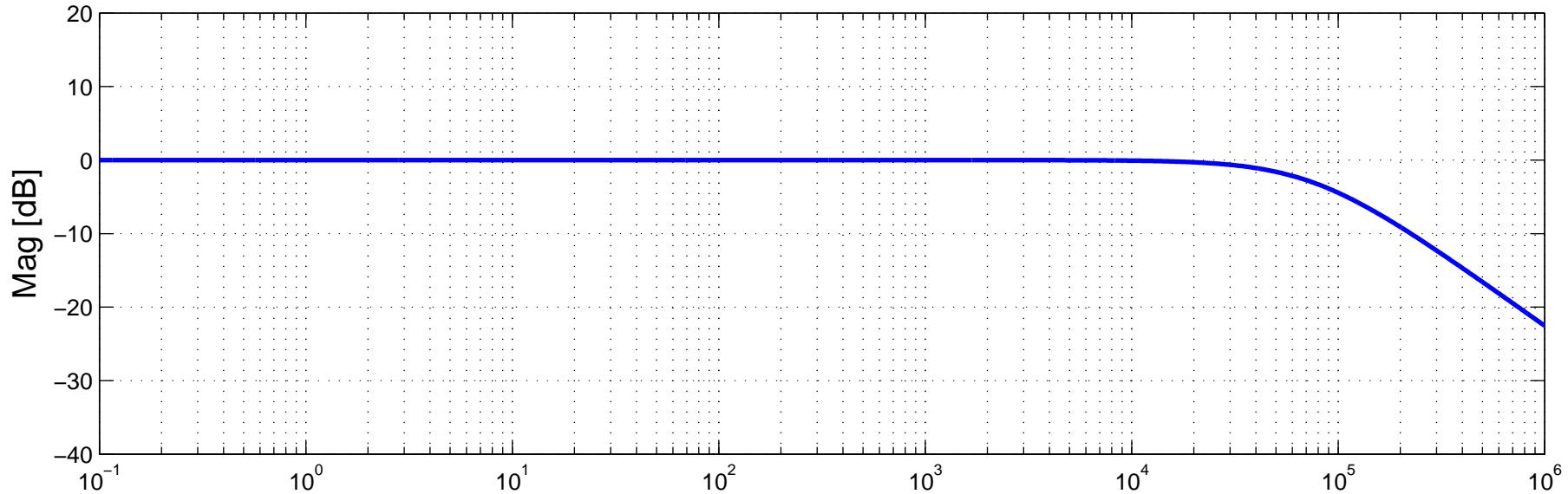


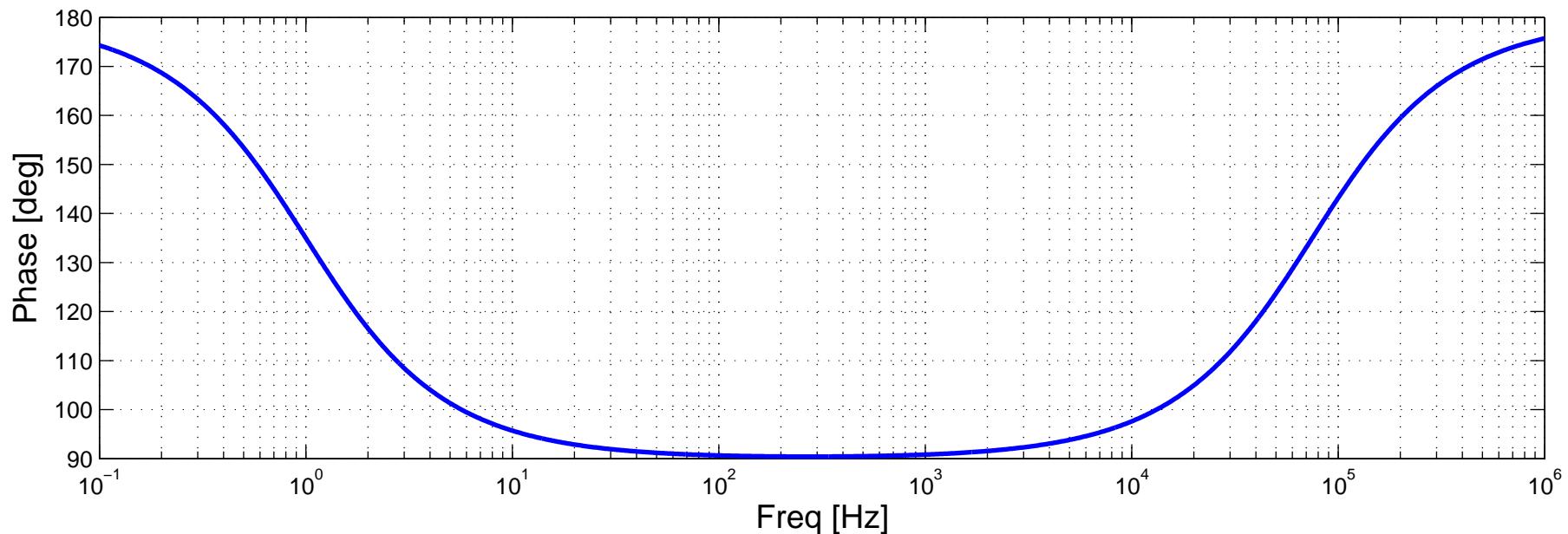
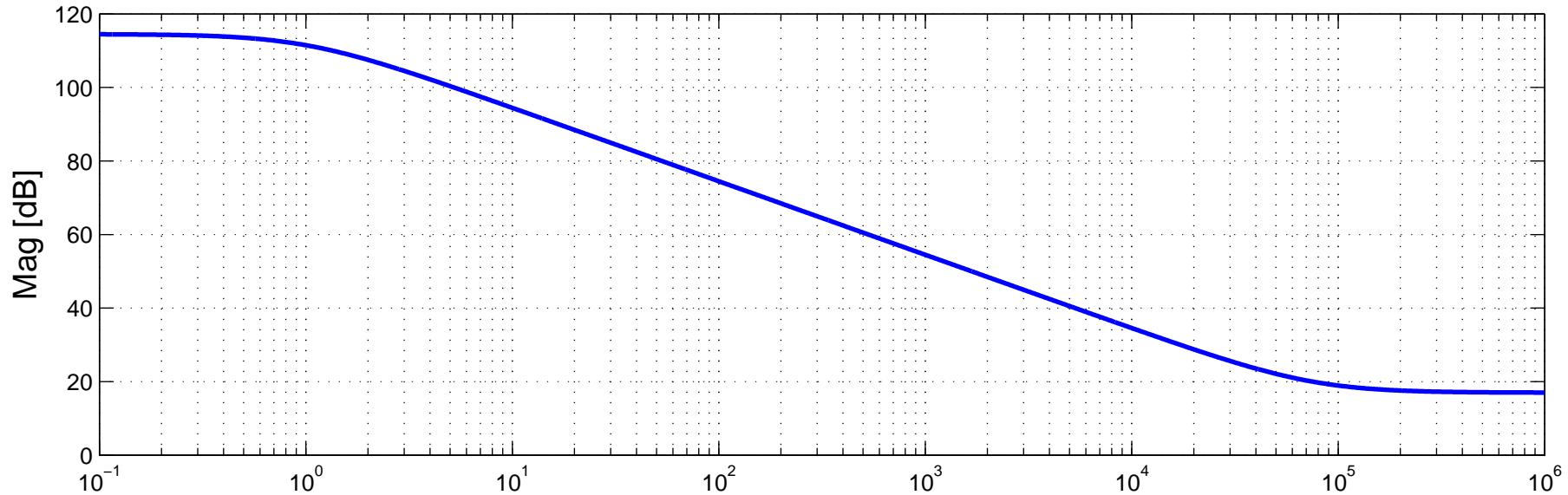
ALS Locking Strategy - 3



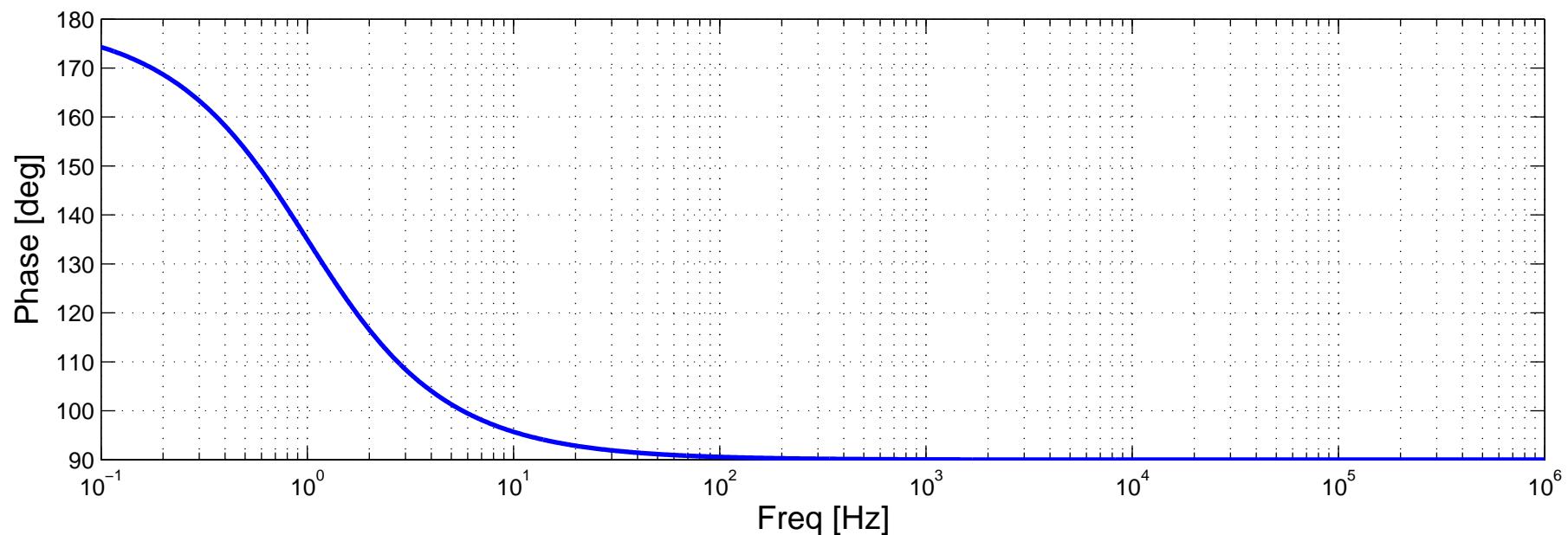
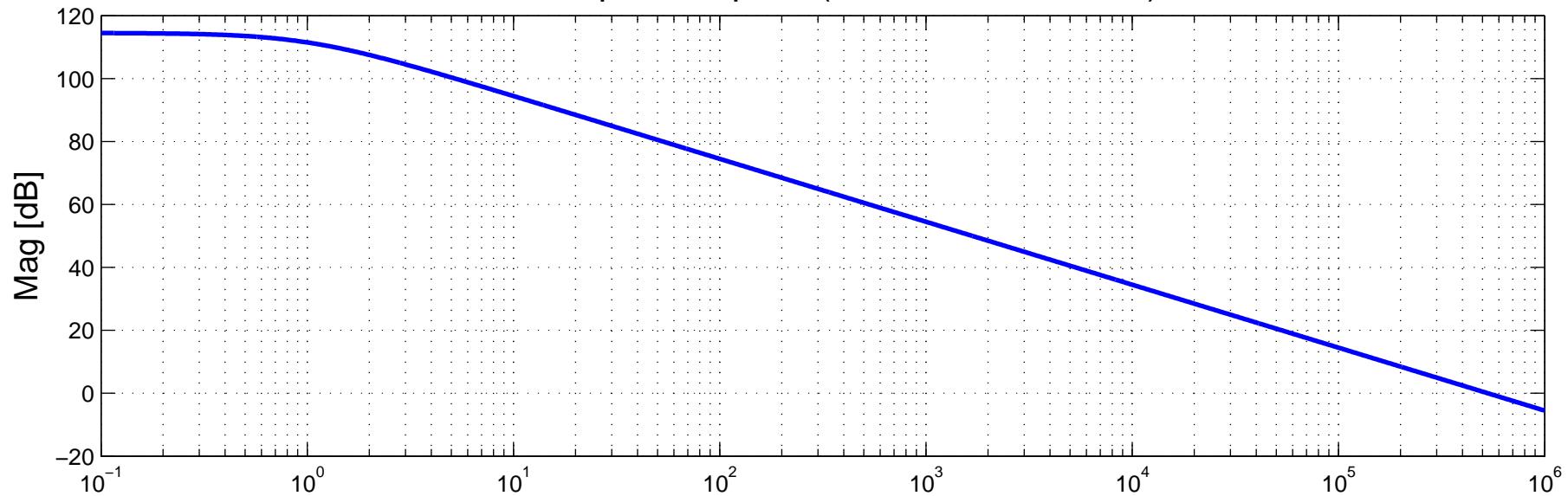
PSL –to– FSS error signal TF (in 18, out 22/out 20)



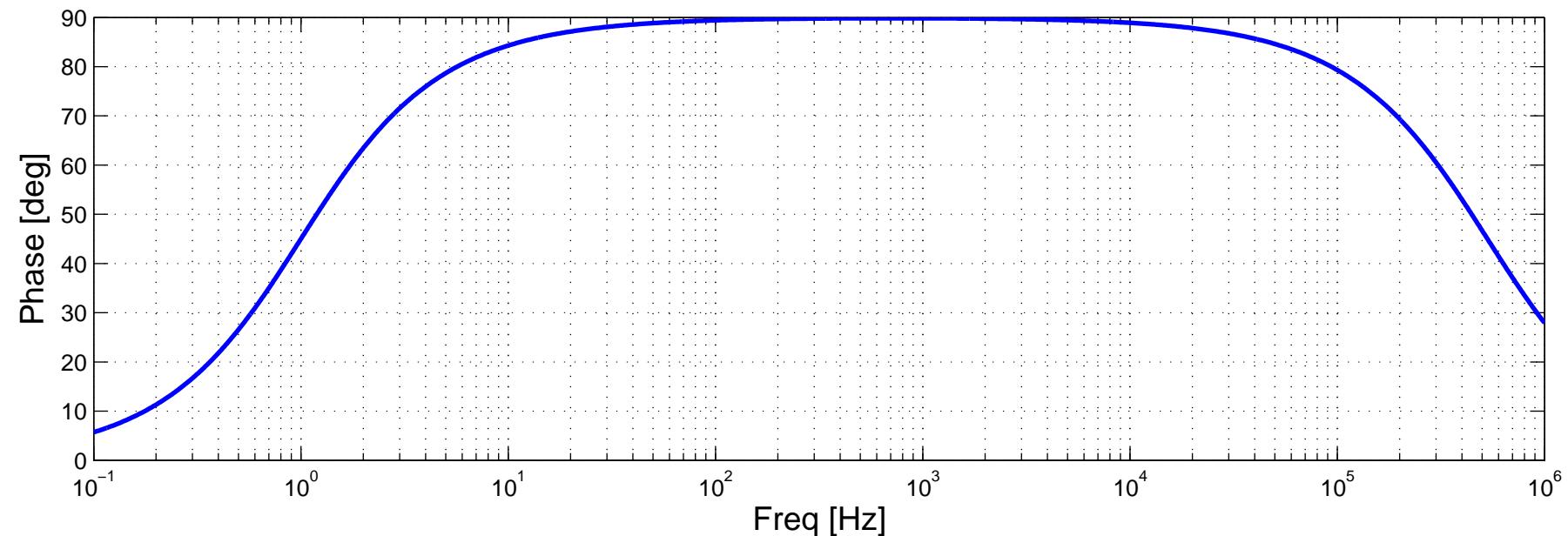
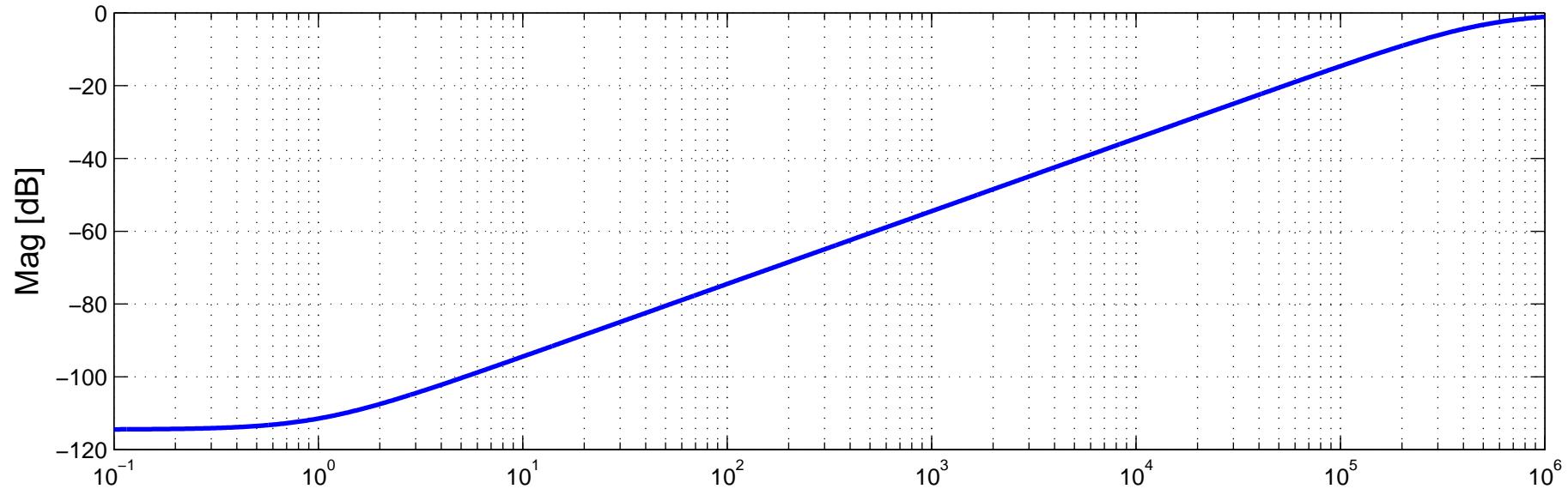
FSS Controller TF (in 19, out 20/out 21)



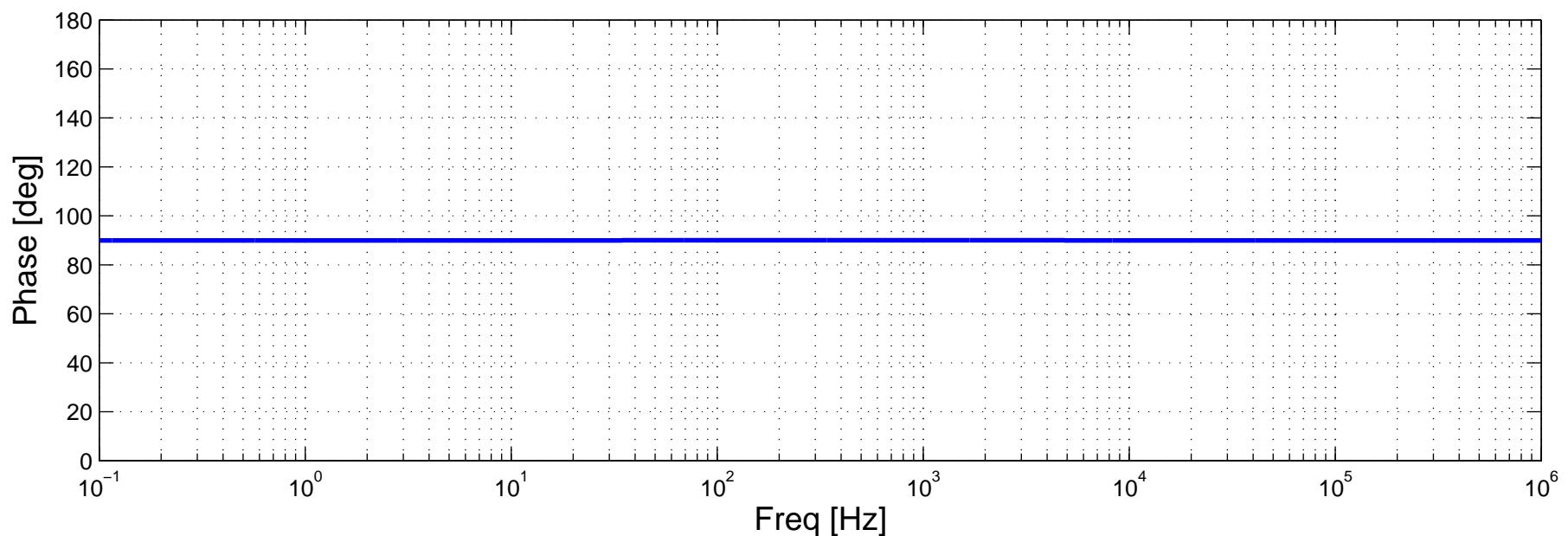
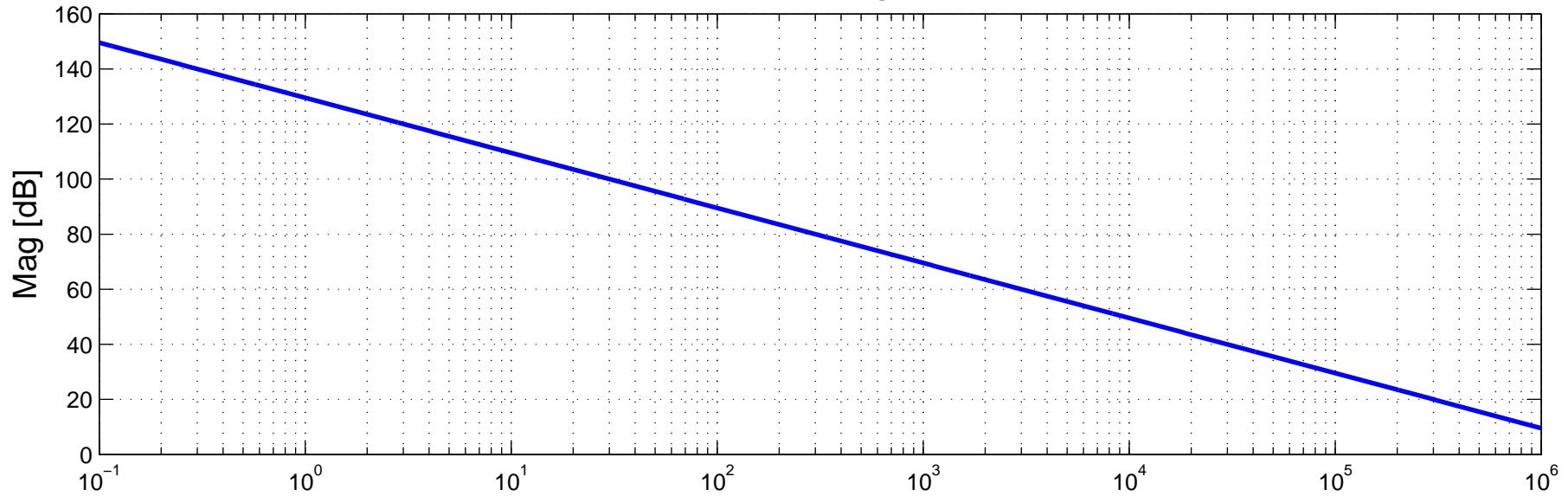
FSS Open Loop TF (in 19, out 22/out 21)



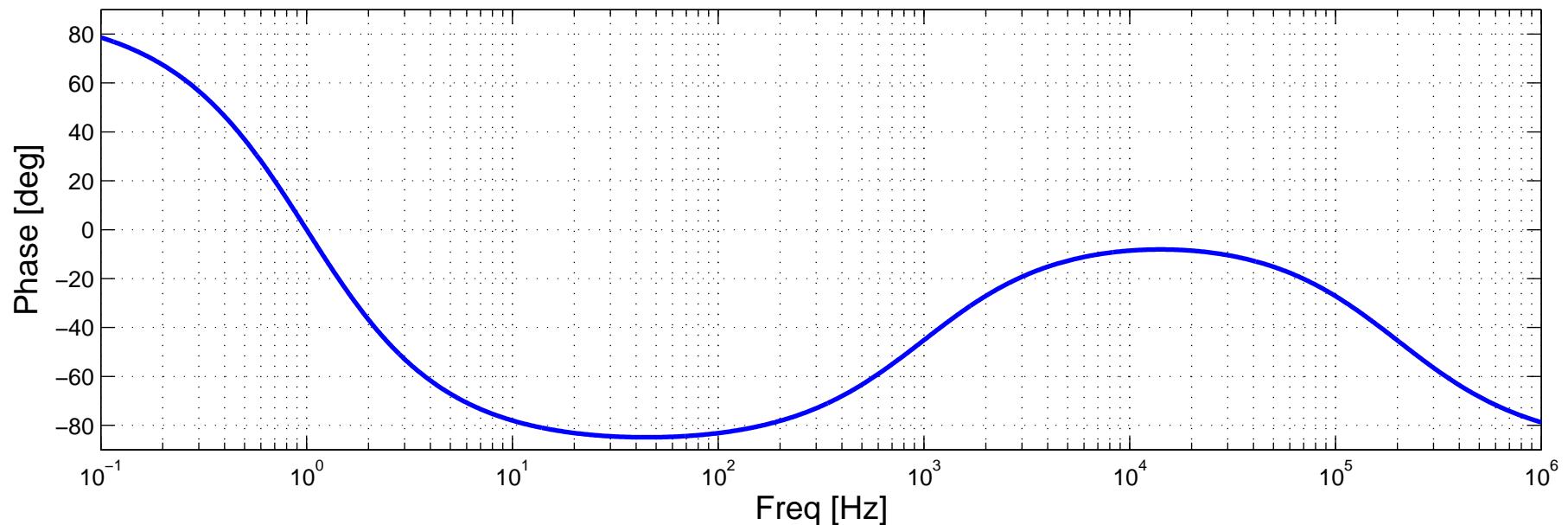
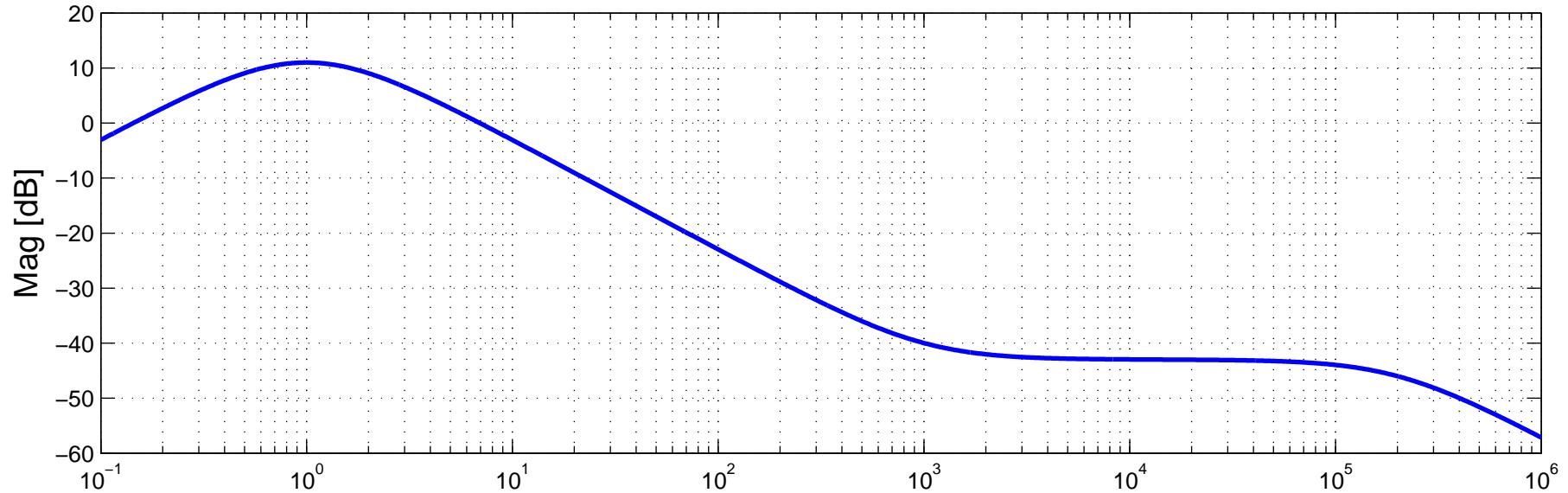
FSS Suppression Response (in 19, out 21)



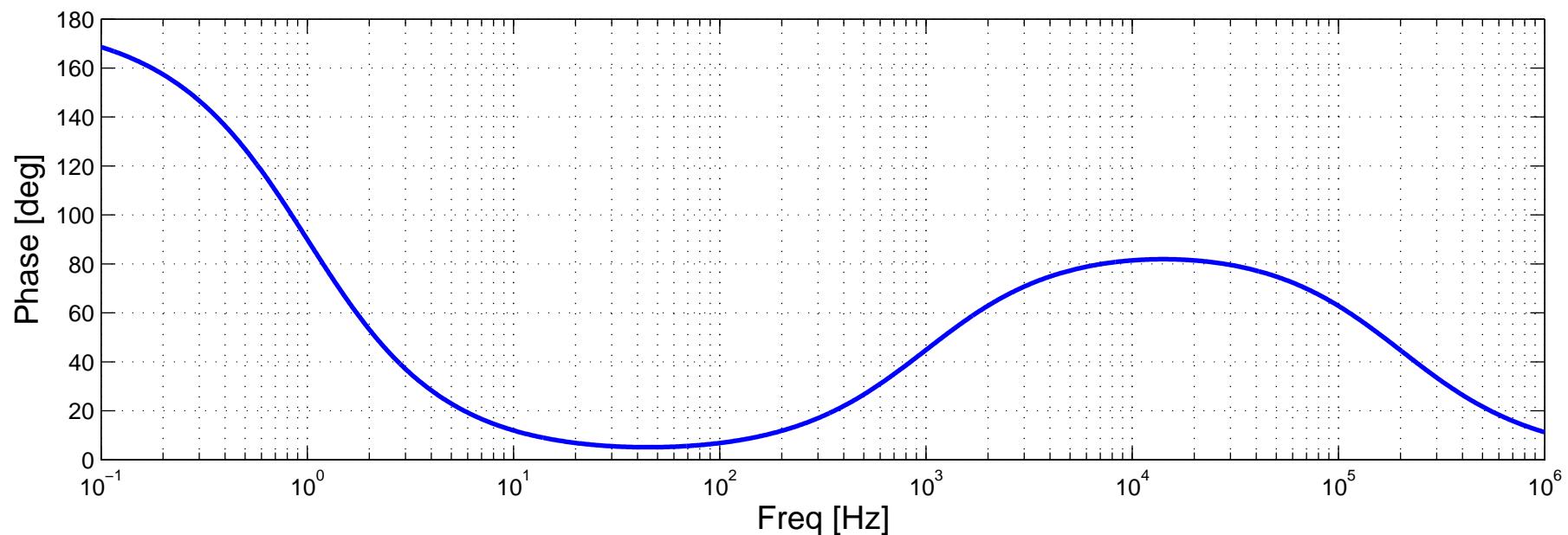
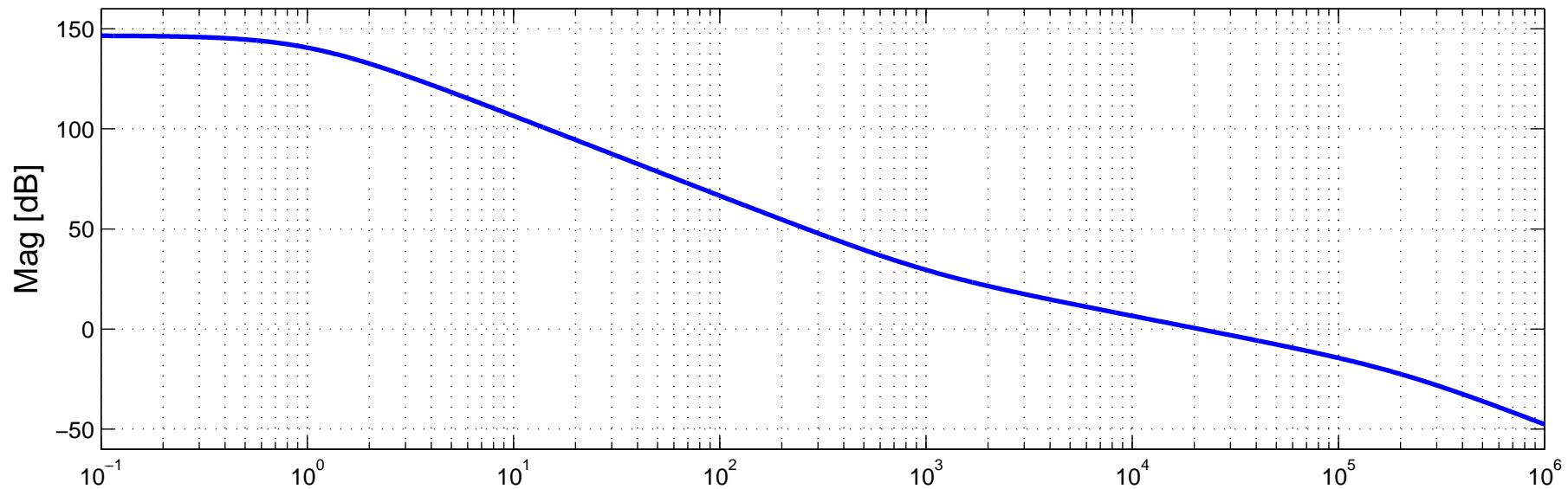
Local laser –to– TTFSS error signal TF (in 8, out 3/out 5)



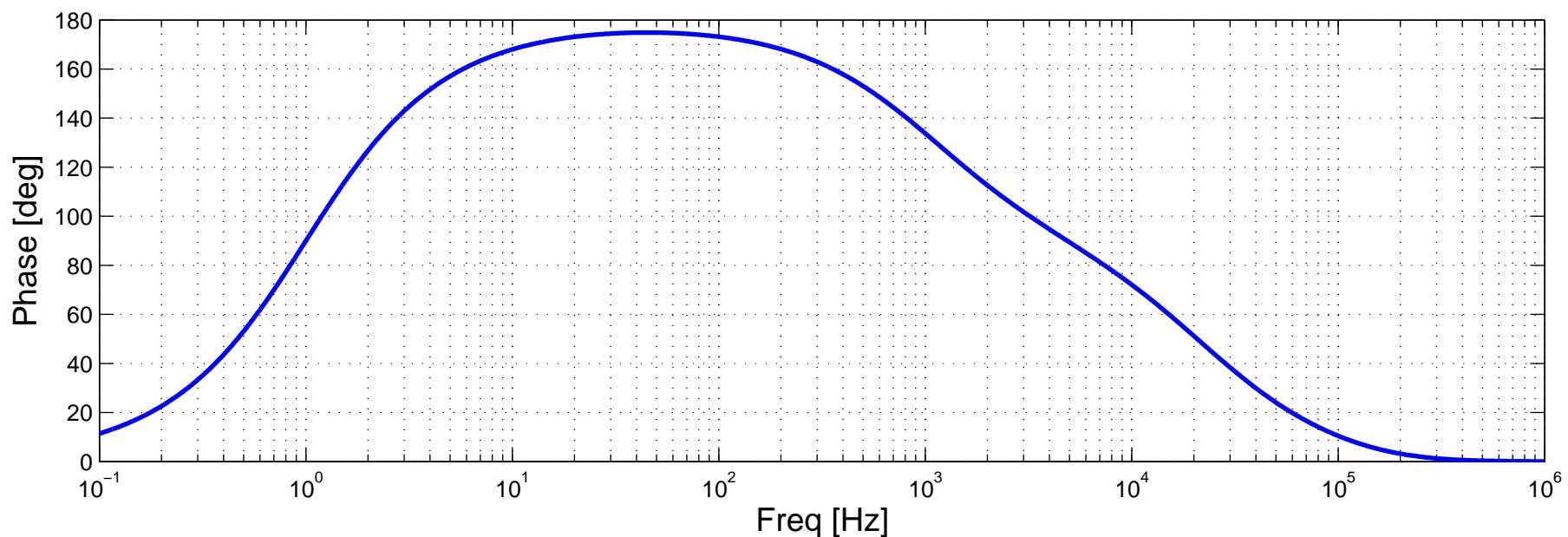
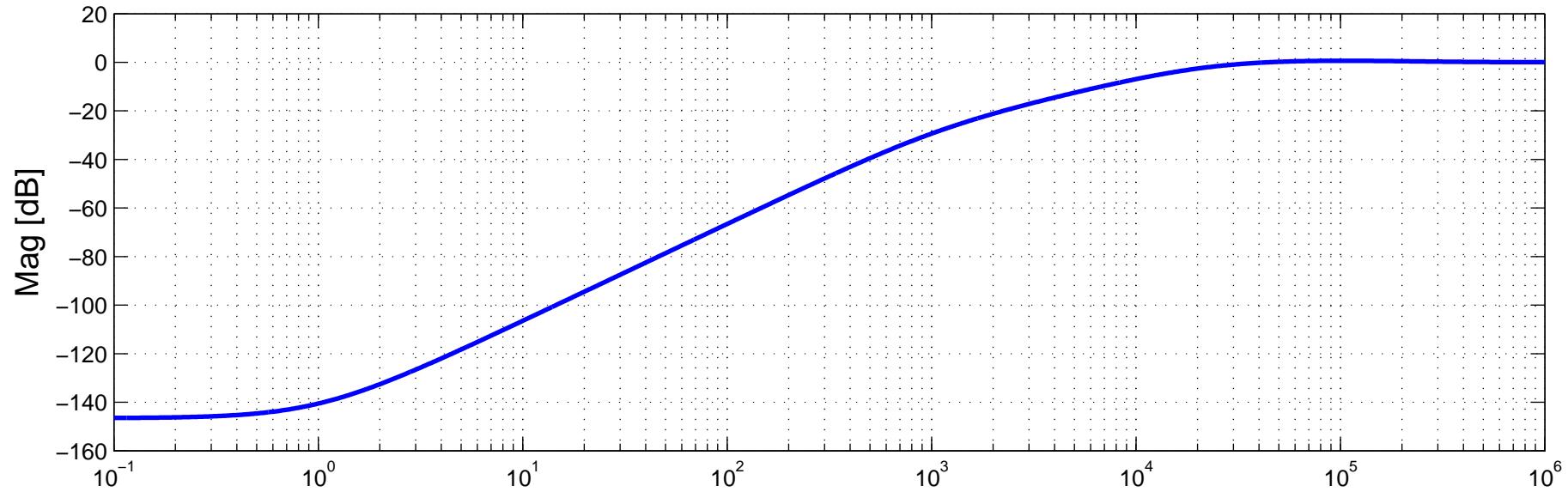
TTFSS Controller TF (in 7, out 5/out 6)



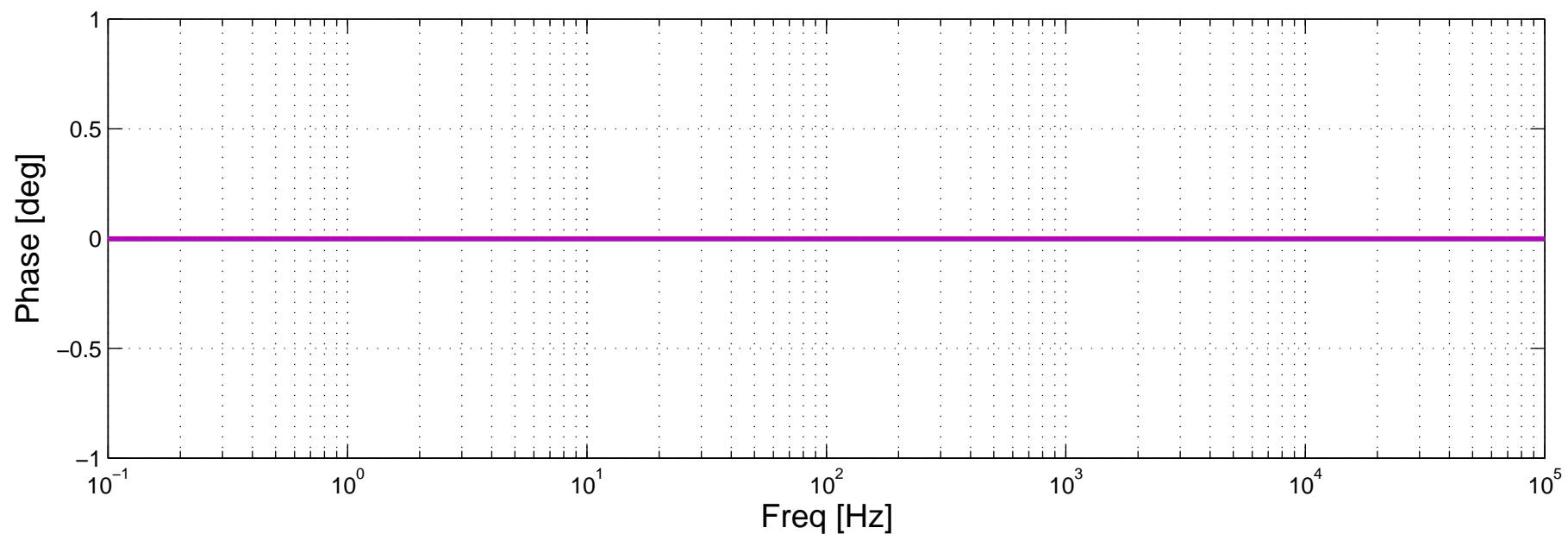
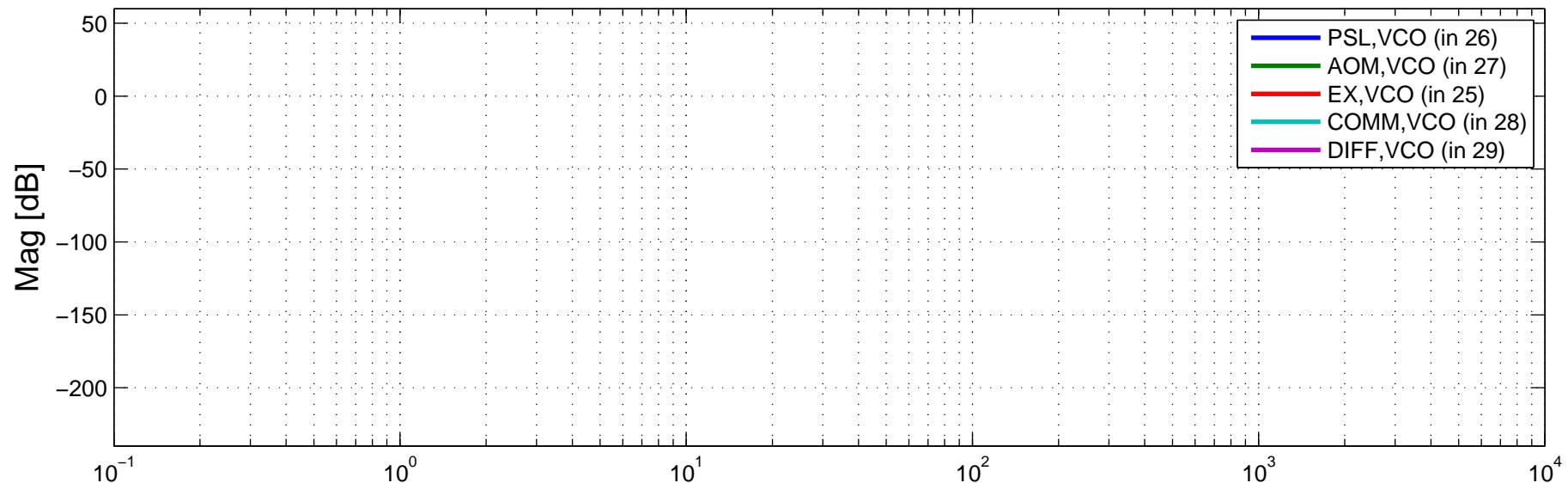
TTFSS Open Loop TF (in 7, out 3/ out 6)



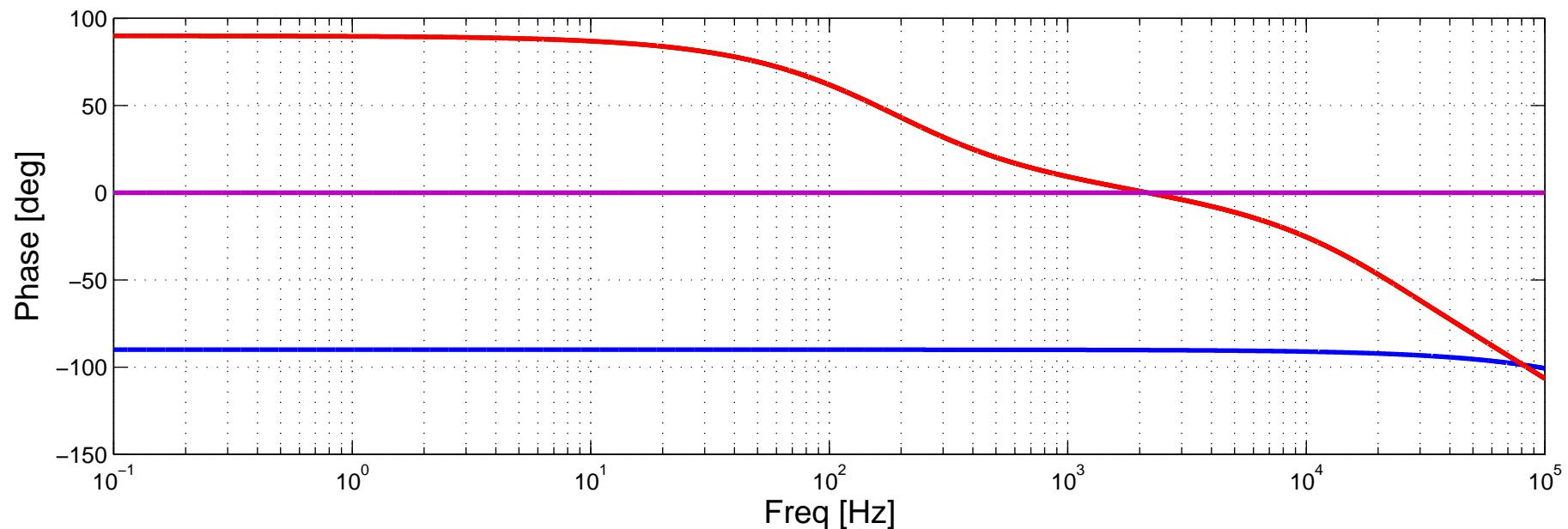
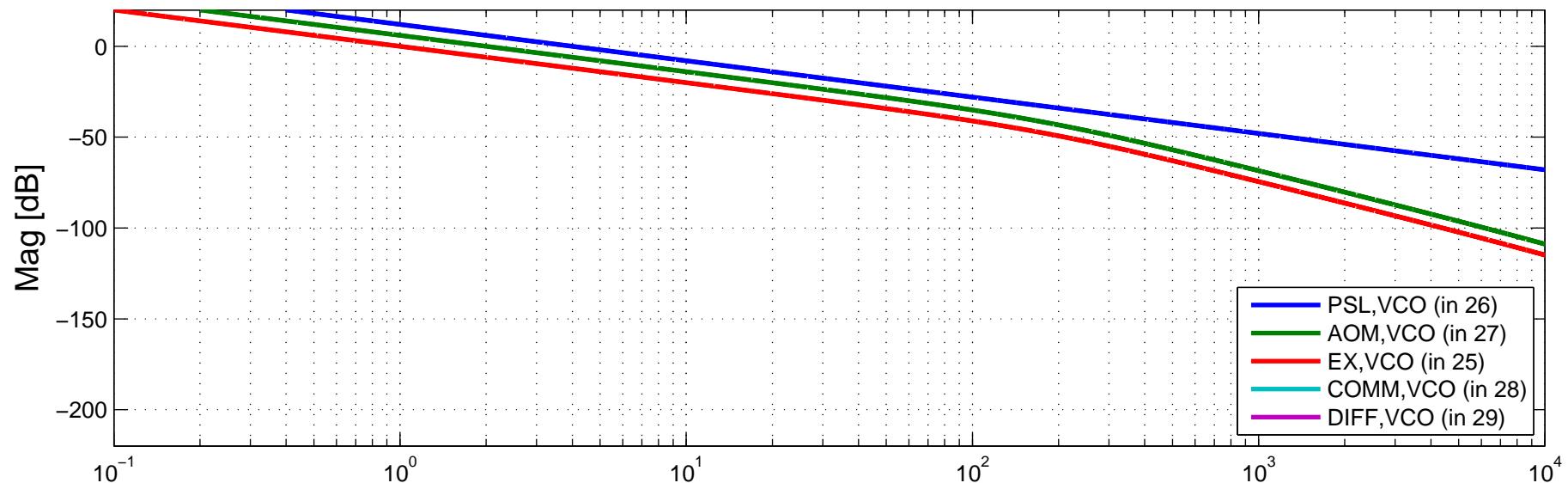
TTFSS Suppression Response (in 7, out 6)



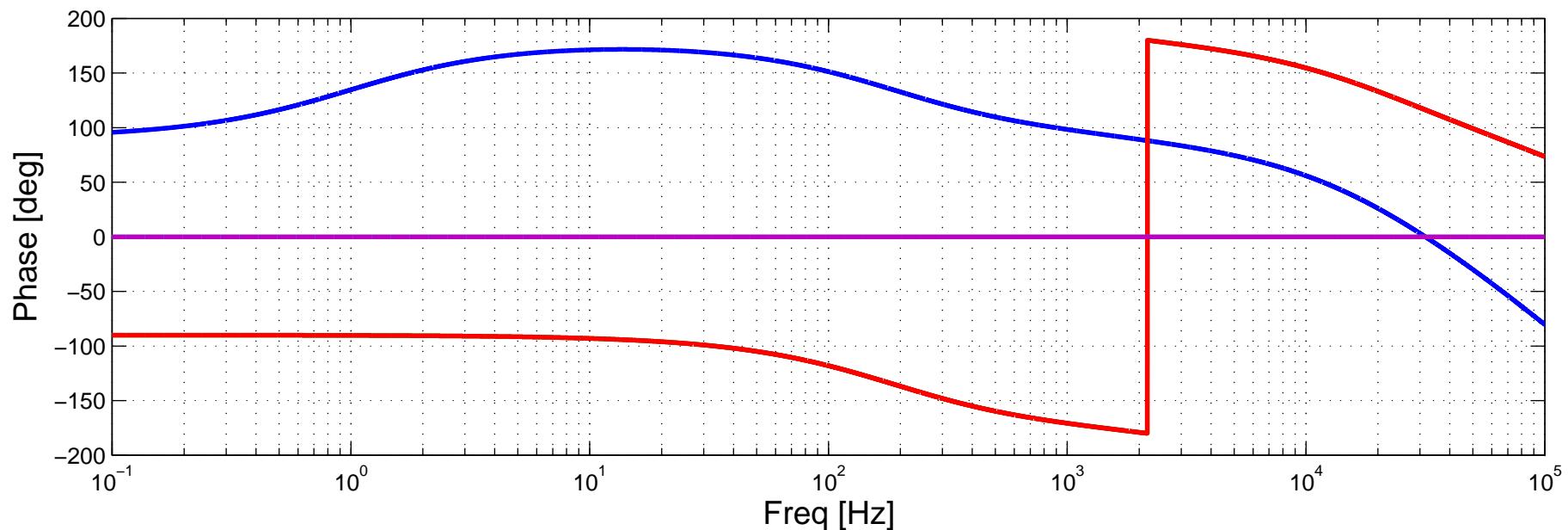
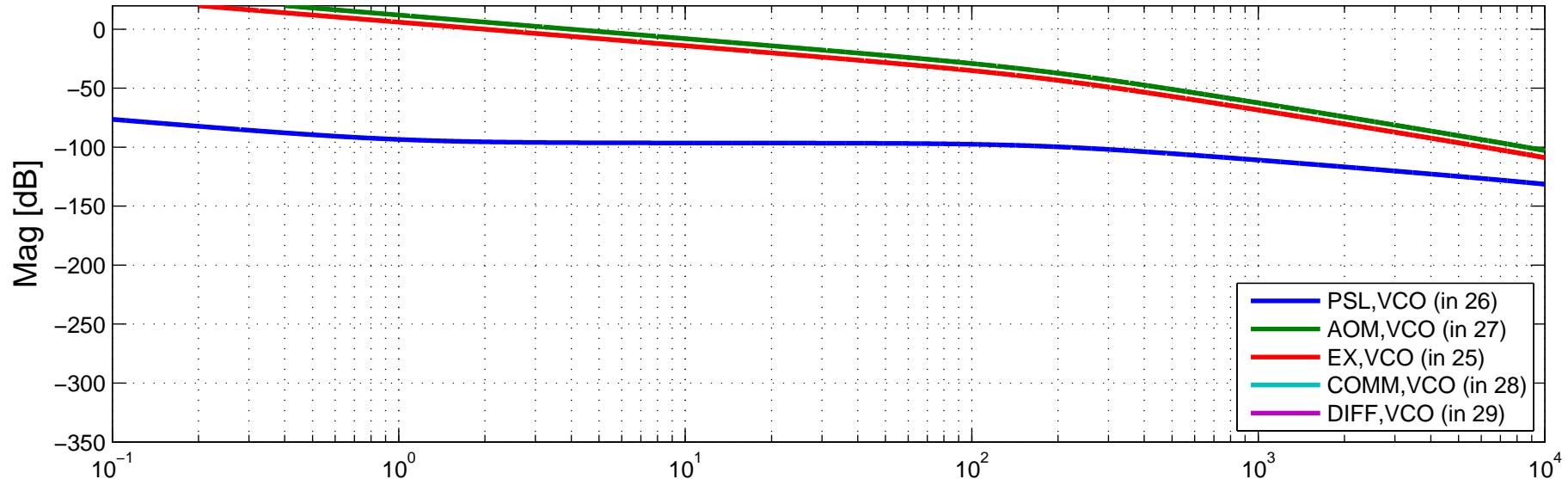
VCOs –to– ETMx Equivalent Freq. Shift (out 25)



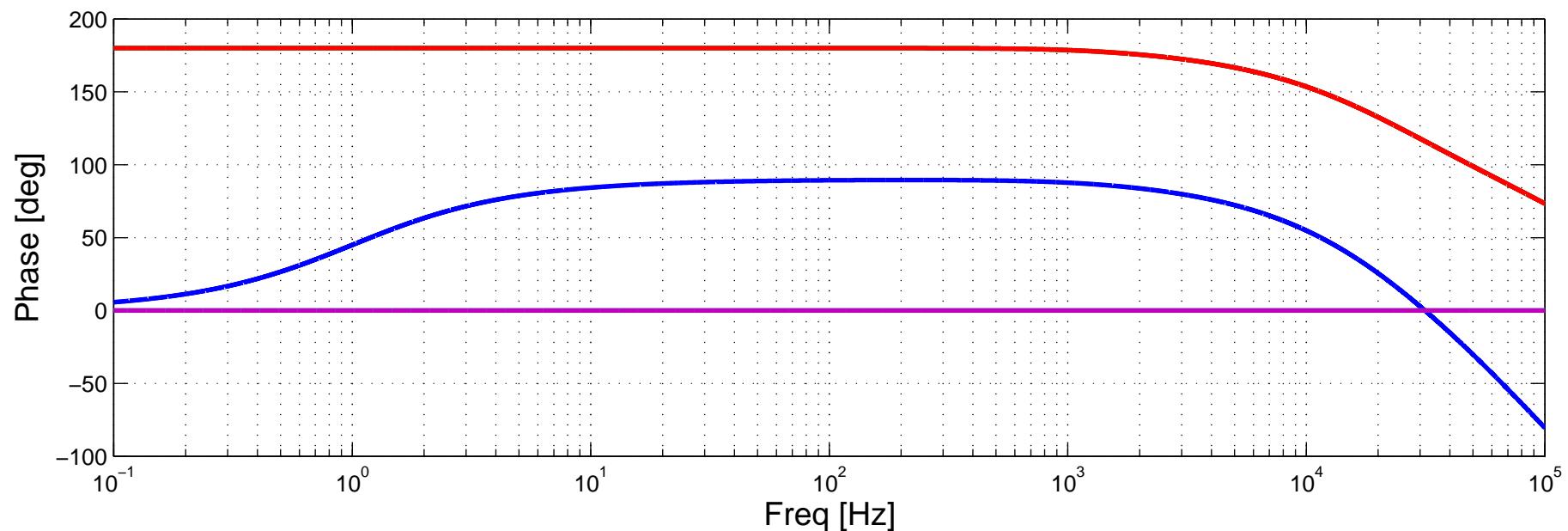
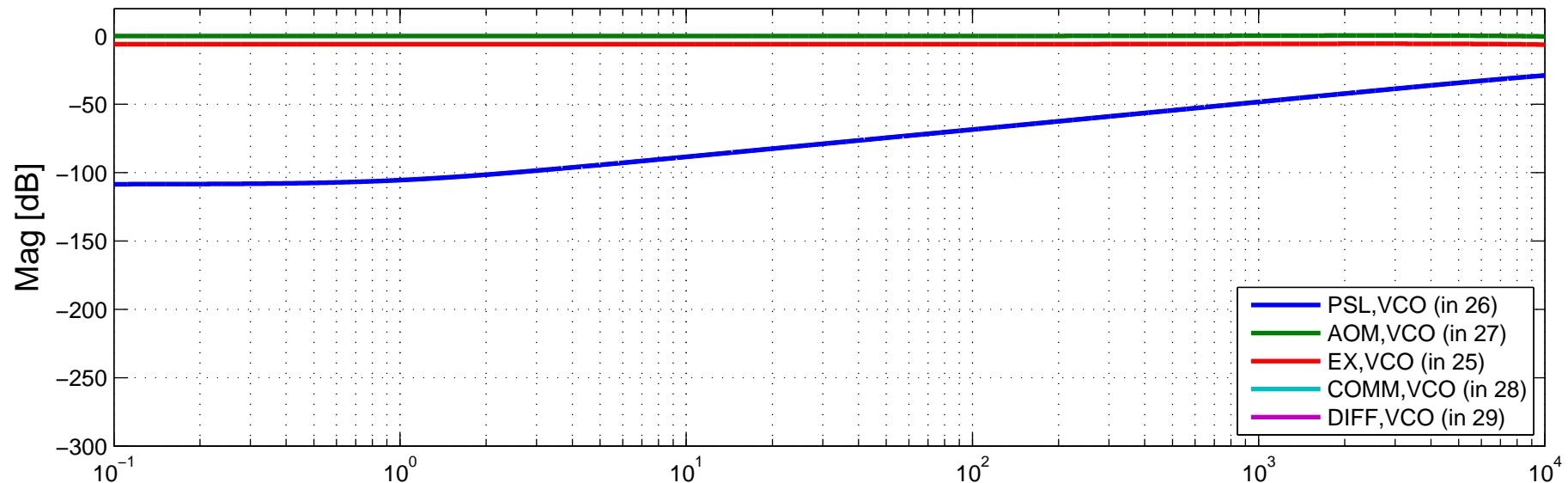
VCOs –to– Common Mode Freq. Shift (out 34)
Freq shift between PSL and X-arm Laser



VCOs –to– Differential Mode Freq. Shift (out 35)
Freq shift between X-arm and Y-arm Lasers



VCOs –to– Local Laser Freq (out 4)



VCOs –to– PDH Freq Shift (out 10)
Freq shift away from Arm Resonance

