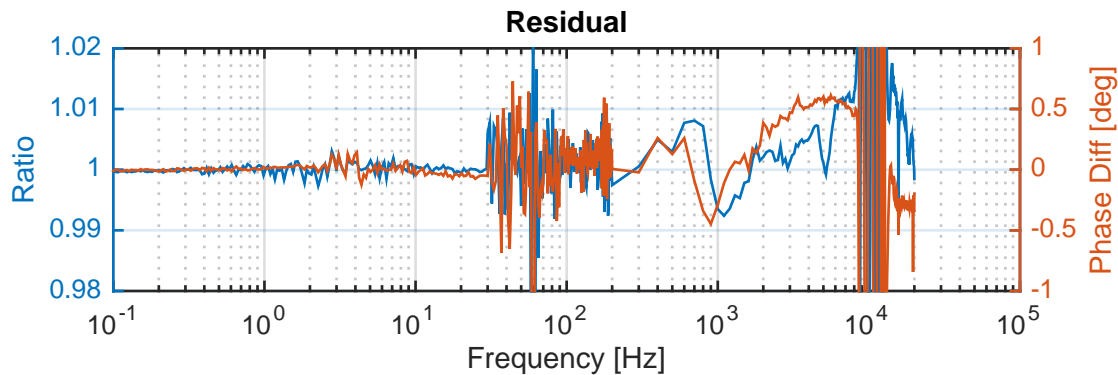
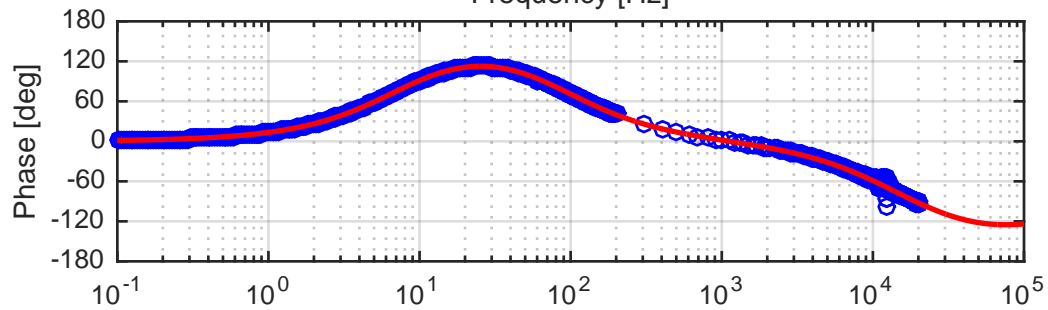
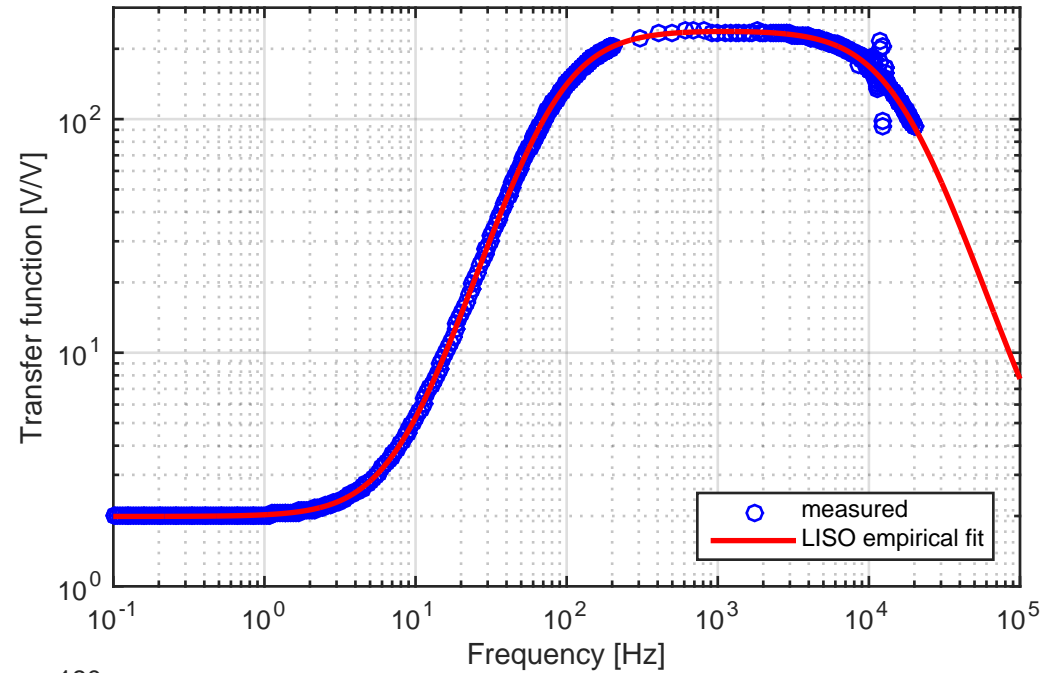


# Preamp #008 / LISO empirical ZPK fit (2015/05/16)



## #LISO SOURCE

zero 7.7035143792 ### fitted (name = zero0)  
zero 7.7035143792 ### fitted (name = zero1)  
zero 134.5024181647k ### fitted (name = zero2)

pole 84.5723492984 ### fitted (name = pole0)  
pole 84.5723492984 ### fitted (name = pole1)  
pole 22.3835023628k ### fitted (name = pole2)  
pole 11.9020537576k ### fitted (name = pole3)

factor 1.9914251238 ### fitted

param zero0:f 1 10  
sparam zero1:f  
param zero2:f 1 1M

param pole0:f .1 1M  
sparam pole1:f  
param pole2:f .1 1M  
param pole3:f .1 1M

param factor 1p 1M

fit Preamp008.bod absdeg rel

gnuterm pdf

rewrite samebetter

freq log 0.01 100k 1000 ### from data file

## #Parameter Estimation

#Best parameter estimates:

#zero0:f = 7.7035143791999995955 +- 33.87m (0.44%)  
#-> zero1:f = 7.7035143792 +- 33.87m (0.44%)  
#zero2:f = 134502.41816470012418 +- 46.44k (34.5%)  
#pole0:f = 84.572349298399998929 +- 355.9m (0.421%)  
#-> pole1:f = 84.5723492984 +- 355.9m (0.421%)  
#pole2:f = 22383.502362800008996 +- 3.336k (14.9%)  
#pole3:f = 11902.053757599991513 +- 809.9 (6.8%)  
#factor = 1.9914251238000000299 +- 10.8m (0.542%)