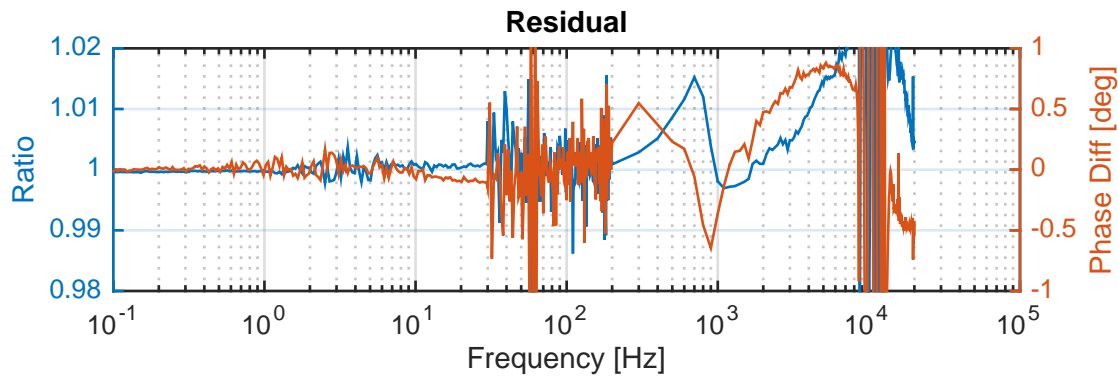
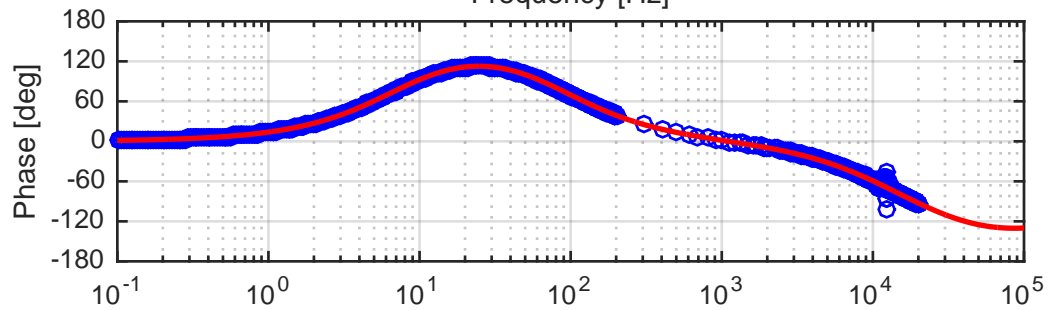
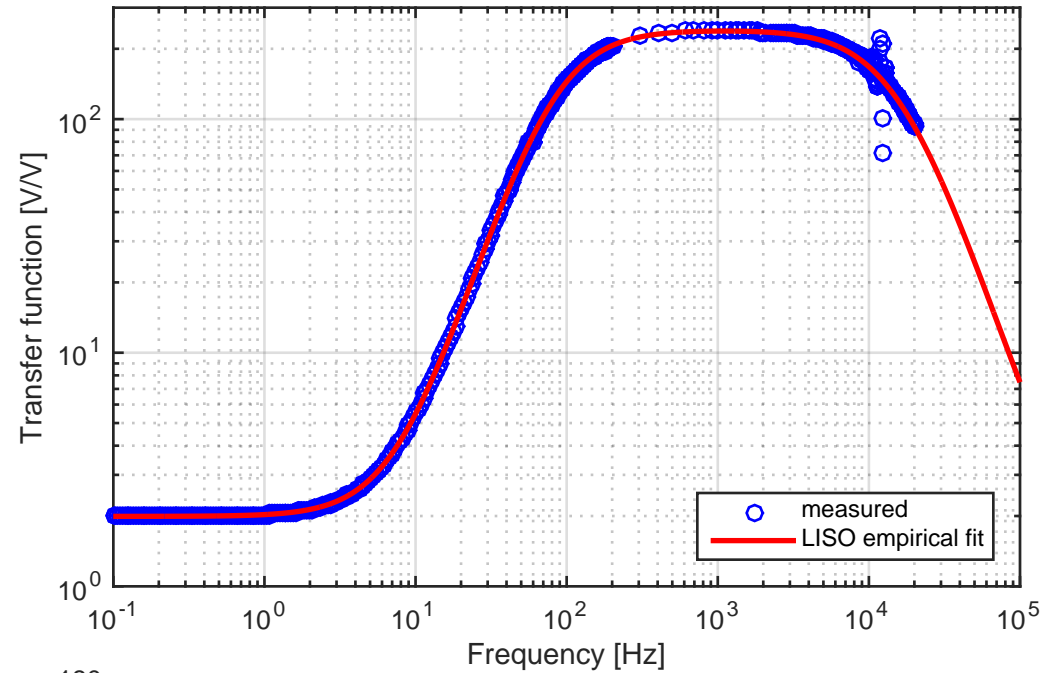


# Preamp #006 / LISO empirical ZPK fit (2015/05/16)



## #LISO SOURCE

zero 7.4758184074 ### fitted (name = zero0)  
zero 7.4758184074 ### fitted (name = zero1)  
zero 175.9447564838k ### fitted (name = zero2)

pole 82.2022639484 ### fitted (name = pole0)  
pole 82.2022639484 ### fitted (name = pole1)  
pole 11.3228470725k ### fitted (name = pole2)  
pole 24.6836488786k ### fitted (name = pole3)

factor 1.9926963048 ### 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 Preamp006.bod absdeg rel

gnuterm pdf

rewrite samebetter

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

## #Parameter Estimation

#Best parameter estimates:

#zero0:f = 7.4758184073999887076 +- 40.6m (0.543%)  
#-> zero1:f = 7.4758184074 +- 40.6m (0.543%)  
#zero2:f = 175.9447564838k +/- 1.604  
#pole0:f = 82.202263948400172922 +- 425.8m (0.518%)  
#-> pole1:f = 82.2022639484 +- 425.8m (0.518%)  
#pole2:f = 11322.847072500042486 +- 737 (6.51%)  
#pole3:f = 24683.648878600131866 +- 4.2k (17%)  
#factor = 1.9926963048000070344 +- 13.34m (0.669%)