

**Double Black:**  
predicted phase noise  
from vibration spectra

Single Black: DARM  
no-injection reference

**Red: Predicted DARM  
- from reference  
combined with the  
predicted phase noise**

**Blue: DARM - this is  
what red is  
attempting to predict  
from vibration spectra**

Parameters that were  
adjusted for the model:

- light amplitude to  
match DARM
- baffle resonance  
structure: Qs and  
frequencies to match  
DARM temporal  
behavior during  
shaker sweep; needed  
because  
accelerometers are  
not on the baffle

