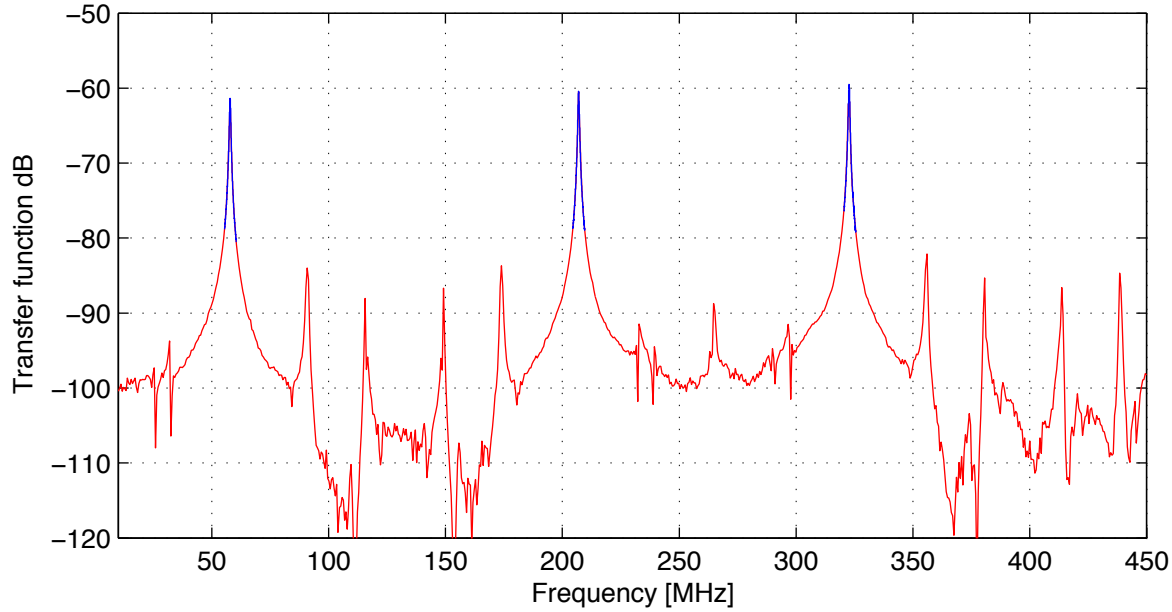


140516_Pitch: I10MC – HOM measurement(2014/05/16)



Fit Result

== Peak 1 ==
 Peak1: 57.859209 +/- 0.000542 MHz
 Cavity pole: 304.452052 +/- 0.591693 kHz
 Finesse (1st order): 434.913806 +/- 0.845242

== Peak 2 ==
 Peak2: 206.956786 +/- 0.000366 MHz
 Cavity pole: 305.027421 +/- 0.399523 kHz
 Finesse (1st order): 434.093434 +/- 0.568575

== Peak 3 ==
 Peak3: 322.680010 +/- 0.000552 MHz
 Cavity pole: 304.212347 +/- 0.603385 kHz
 Finesse (1st order): 435.256498 +/- 0.863303

== Summary ==
 Free Spectral Range (FSR):
 264.820802 +/- 0.000773 MHz

Cavity roundtrip length:
 1.132058 +/- 0.000003 m

Lock offset:
 -2.403417 +/- 0.634887 kHz

Transverse mode spacing (TMS):
 57.861612 +/- 0.000331 MHz

TMS/FSR:
 0.218493 +/- 0.000001

Cavity pole (1st order modes, avg and stddev):
 304.563940 +/- 0.418898 kHz

Finesse (1st order modes, avg and stddev):
 434.754579 +/- 0.597657

