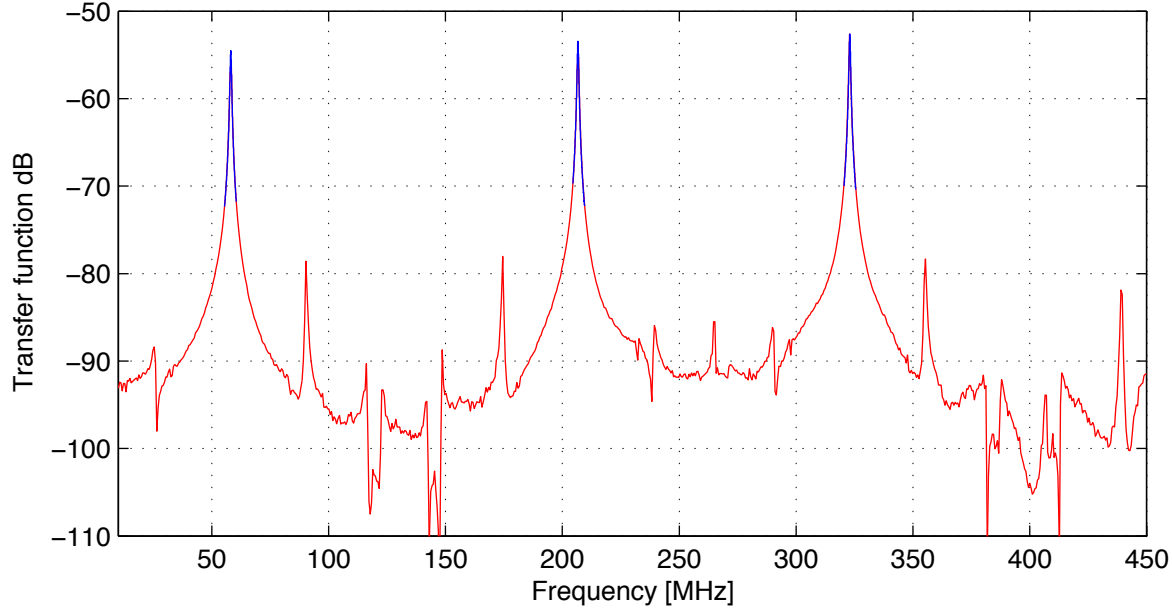


140516_Yaw: I10MC – HOM measurement(2014/05/16)



Fit Result

== Peak 1 ==
 Peak1: 58.152033 +/- 0.000306 MHz
 Cavity pole: 335.330117 +/- 0.337696 kHz
 Finesse (1st order): 394.865981 +/- 0.397652

== Peak 2 ==
 Peak2: 206.660866 +/- 0.000103 MHz
 Cavity pole: 334.318847 +/- 0.113897 kHz
 Finesse (1st order): 396.060397 +/- 0.134933

== Peak 3 ==
 Peak3: 322.972944 +/- 0.000172 MHz
 Cavity pole: 334.786057 +/- 0.189899 kHz
 Finesse (1st order): 395.507677 +/- 0.224342

== Summary ==
 Free Spectral Range (FSR):
 264.820911 +/- 0.000351 MHz

Cavity roundtrip length:
 1.132057 +/- 0.000002 m

Lock offset:
 -4.005953 +/- 0.322158 kHz

Transverse mode spacing (TMS):
 58.156039 +/- 0.000100 MHz

TMS/FSR:
 0.219605 +/- 0.000000

Cavity pole (1st order modes, avg and stddev):
 334.811674 +/- 0.506121 kHz

Finesse (1st order modes, avg and stddev):
 395.478018 +/- 0.597760

