Empty cavity S11 at 0.0655K with power -5dBm and IF BW of 1000Hz $Q_L = (4.584 \pm 0.006) \times 10^4$ $f_r = (7.46125251 \pm 0.00000008) \times 10^9 Hz$ $\kappa_1 = (5.49 \pm 0.08) \times 10^{-1}$ $\kappa_2 = (2.56 \pm 0.07)$ data 0 0.15 fit initial 0.10 $A = (2.141 \pm 0.001) \times 10^{-1}$ $\theta_{11} = (-2.3403 \pm 0.0007)$ 0.05 0.00 $Im(S_{11})$ -0.05-0.10-0.15-0.200.010 0.005 Residuals 0.000 -0.005-0.010-0.0157.4608250 7.4608958 7.4609312 7.4609666 7.4610021 7.4610375 7.4610729 7.4611083 7.4611792 7.4612146 7.4612500 7.4613208 7.4613563 7.4614625 7.4614979 7.4615688 7.4616042 7.4616396 7.4616750 7.4608604 7.4611437 7.4612854 7.4613917 7.4614271 7.4615334 Frequency [GHz]