TM Cavity 2.0×10^{-11} **a**) **b**) 10^{-28} 1.5 \bigotimes 10^{-32} 1.0 Induced EM Power $\frac{2}{8} 10^{-36}$ 10^{-40} 0.5 10^{-36} 1 0.0 -0.5 10^{-44} -1.0 10^{-48} -1.5 $-2.0\frac{\bot}{0}$ 10^{-52} 10^{10} 10^7 10^{11} 10^8 10^9 $\times 10^{-7}$ 10^{6} 4 Time(s) Frequency (Hz)