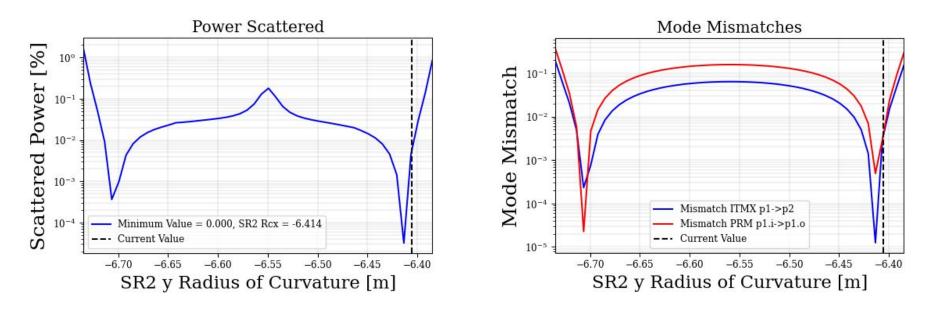
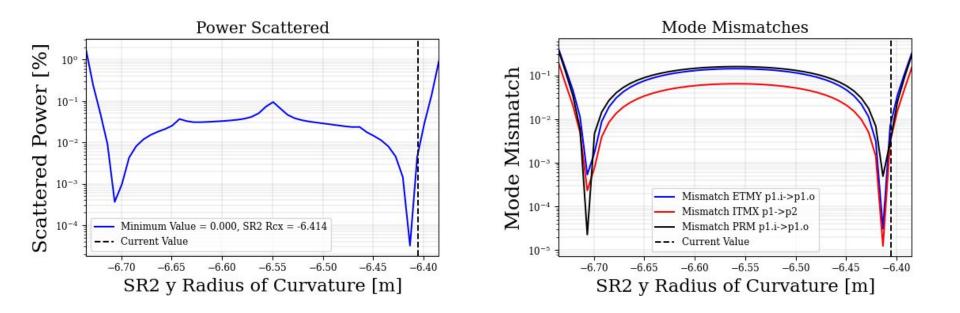
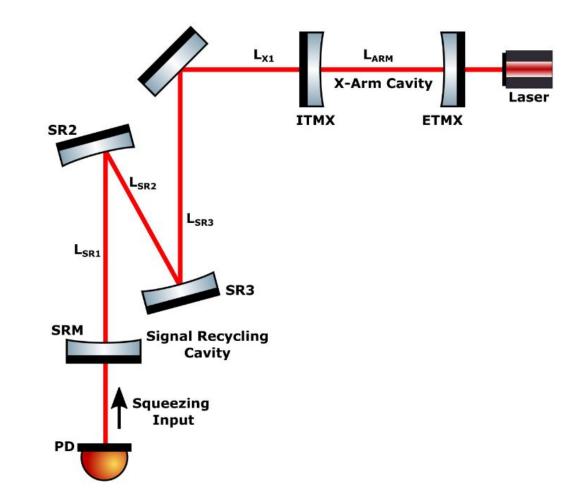
Full ALIGO Interferometer Simulations

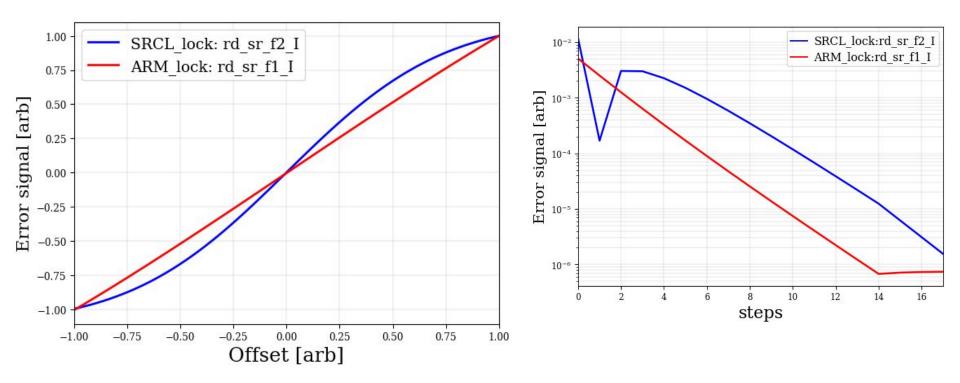


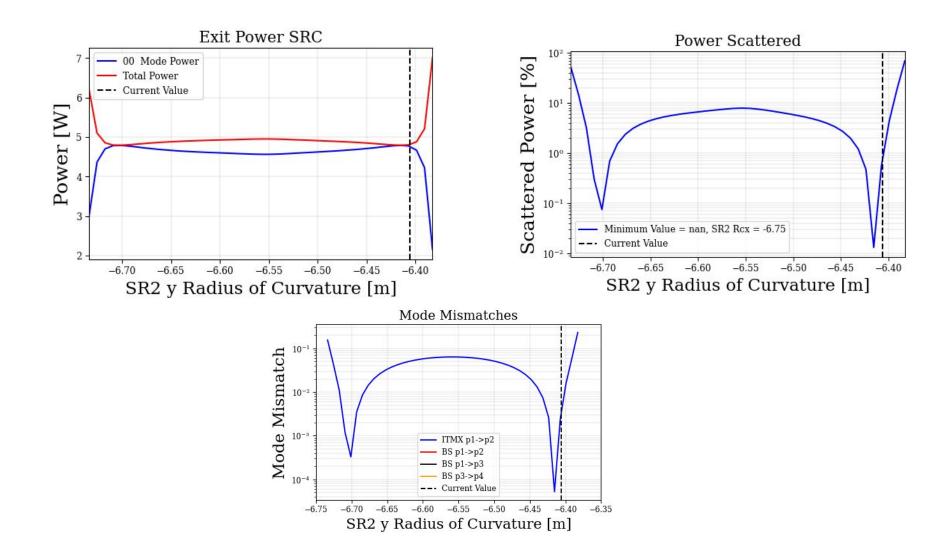


One Arm LIGO Interferometer Simulations

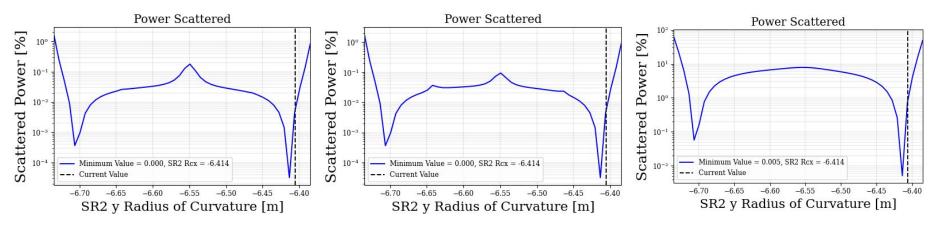








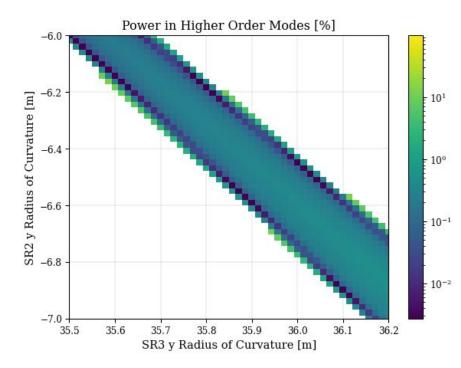
Comparison Check Between Full Interferometer and Simplified Model

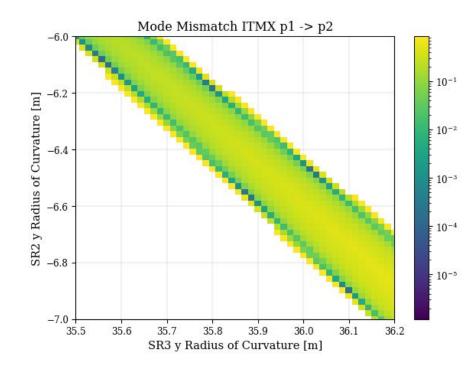


Full ALIGO 2 Arm

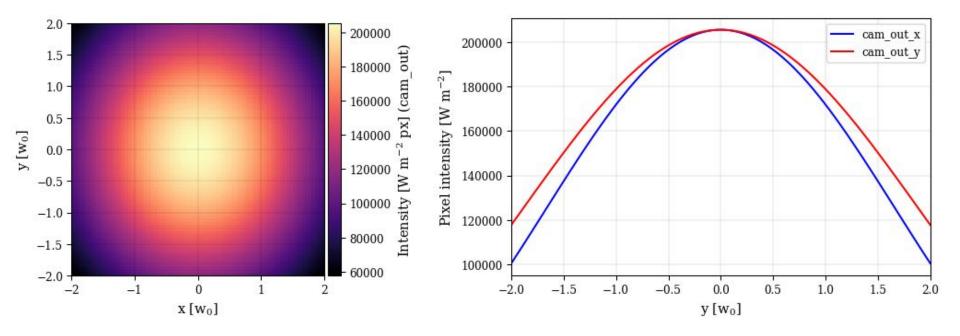
Full ALIGO 1 Arm

Simplified LIGO 1 Arm

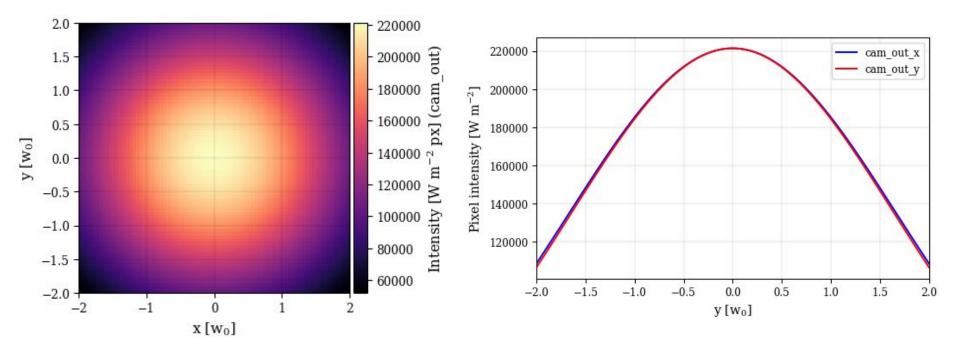




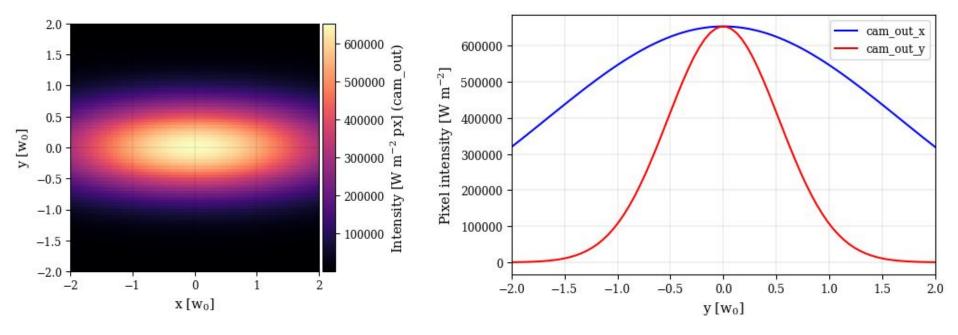
Full Interferometer Intensity Plots



Current State



Near Optimal Point



Alternate Optimal Point

Mode mismatch is near zero, why do we get a very astigmatic beam?

Current Questions:

• How to interpret results? Next steps?