

Gaussian Beam Sizes in Signal Recycling Cavity
ABCD Calculation
2/27/2012

ref: T0900043

ref: H1 Signal Recycling Cavity beam size_3-11-13.xmcd

MIRROR	BEAM RADIUS, mm	Distance from prior mirror, mm
ITM	53.2	
BS	53.3	
SR3	54.2	
SR2HR	8.3	
SRMHR	2.08	
SRMAR	2.05	
waist	0.35	1.24E+04
SR2AR	8.3	
waist	0.095	2.27E+03