Distribution of Colored Noise with Chirp Inserted (Deviation from GR Template with Colored Noise)  $\epsilon = 0$  $\epsilon \! = \! 0.01$  $\epsilon\!=\!$  0.1  $\epsilon\!=\!0.5$ 6  $\epsilon\!=\!0.75$ 5 Count SNR = 109.725801733 2 8.0 1.5 0.5 1.0 2.0 2.5 3.0  $h(f)^2$  [1/Hz]