Distribution of Colored Noise with Chirp Inserted (Deviation from GR Template with Colored Noise)  $\epsilon = 0$  $\epsilon \! = \! 0.01$  $\epsilon\!=\!$  0.1 2.5  $\epsilon\!=\!0.5$  $\epsilon\!=\!0.75$ 2.0 Count 1.5 SNR = 17.13873033841.0 0.5 0.2 0.4 0.6 8.0  $h(f)^2$  [1/Hz]