Residual Frequency Noise Incident on the IFO - Oct 30, 2018 **CARM Spectrum** Shot Noise ($P_{\text{REFL9}} = 8.6 \,\text{mW}$) 10^{-1} 10^{-3} 10^{-5} 10^{-6} 10^{-7} 10^{-8} 10^2 10^{3} 10^{6} 10^{0} 10^1 10^4 10^{5} Frequency [Hz]