

300m FC Backscatter Noise Req. with HSTS on HAM ISI (T1800066) WITH *3*mrad V2L

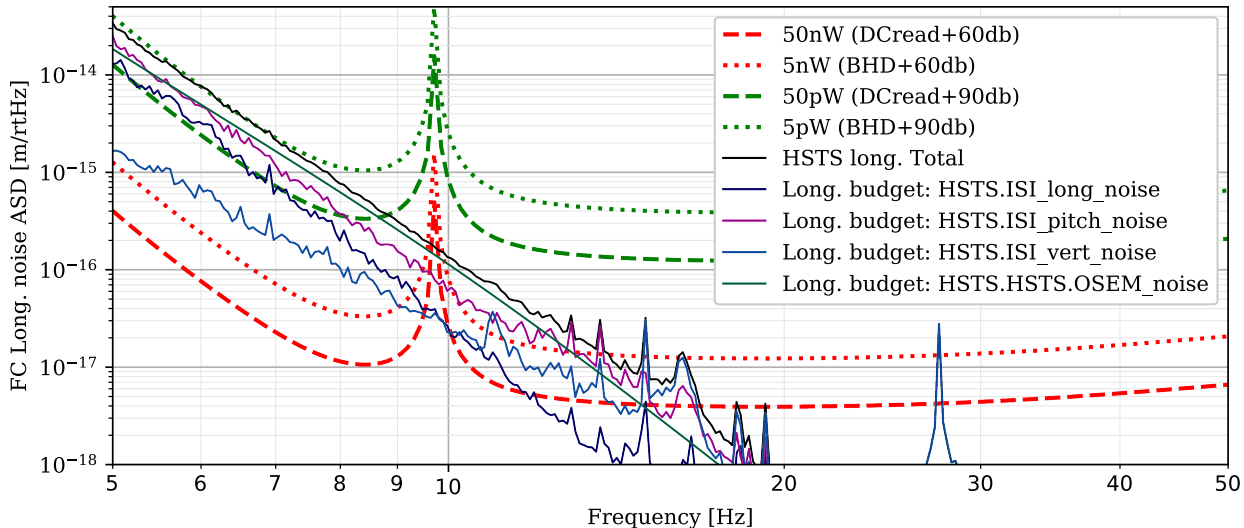


Figure 5: Length noise of a 300m FC with HSTS on standard aLIGO HAM ISIs (T1800066), with 3 mrad of vertical to length coupling, compared to length noise requirement imposed by back scattered light noise.