Performance of Basic Energy Detector for Guassian-Fluctuating Signal P_f: 0.05 - SL: $52.6 dB re Pa^2m^2 - N$: $0.001 dB re Pa^2/Hz - W$: 200 Hz1.0 8 16 T_p [s] 0.80.6 -0.4 -0.2 10^{4} 10^{3}

Distance [m]

Probability of Detection