Noise LPSD of RED10-NTD, MC vs Tower, Pulse-Tube effect 1 V normalized Pulse -- PT ON, MC, 440 kΩ, Ip = 4.5 nA -- PT OFF, MC, 440 k Ω , Ip = 4.5 nA 10^{-6} PT ON, Tower, 356 k Ω , Ip = 4.5 nA PT ON, Tower, 460 k Ω , Ip = 0 Electro-thermal theoretical noise 10-8 ± 10^{0} 10^{1} 10^{2} Frequency [Hz]