



Analysis:
 $VQNoise = 3.3V/65536/\sqrt{12} = 14.5\mu V$
 $VThermalNoise(5k - 20k \text{ pot is } (2) \text{ } 10K \text{ resistors in parallel}) \text{ in } 25KHz \text{ bandwidth} = 1.4\mu V$
 $HPF \text{ Corner} = 1/(2*\pi*5k*10u) = 3.2Hz$