

L23Q1	If the average power of the noise signal is 1 mW(measured across 1 Ohm), what amplitude must a sinusoidal signal have so that the signal-to-noise power ratio is equal to 10?	140	mW	0.14	W
L23Q2	How can we improve the precision of this VDR measurement? Lower temperature, reduce resistor values, use a time average.				
L23Q3	What is the frequency of $i(t) = 120 \cos(2\pi 200 t)$?	200	HZ		
L23Q3b	What did the filter do? Nearly removed (1/100) the portion at 200Hz while doubling the portion at 400Hz.				
L23Q4	What is the highest frequency in each signal listed above? 50, 50, 50, 150, 150, and 1500, respectively. The term "3" is a 0 Hz (DC) signal.				