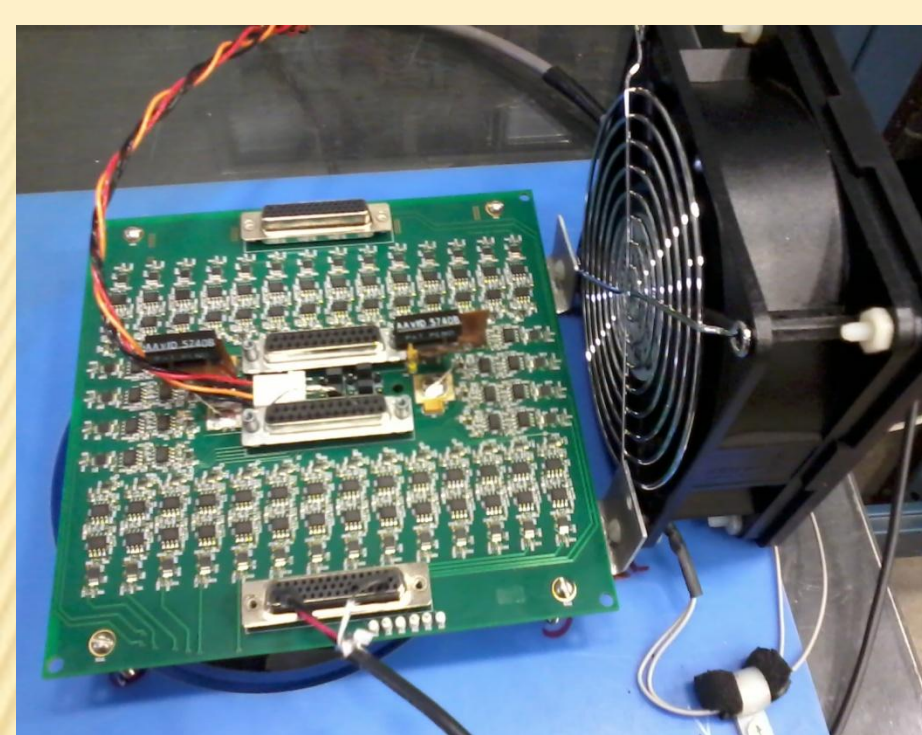




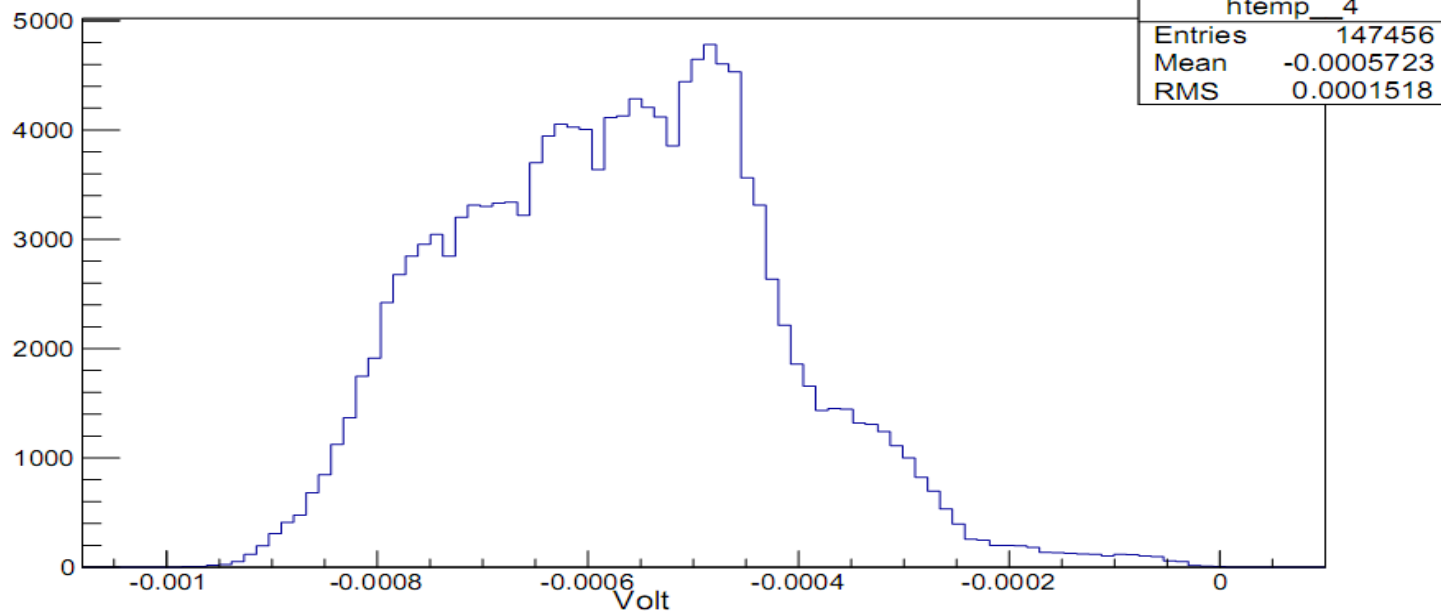
Unshielded pre-amp



Mostly Shielded Pre-amp

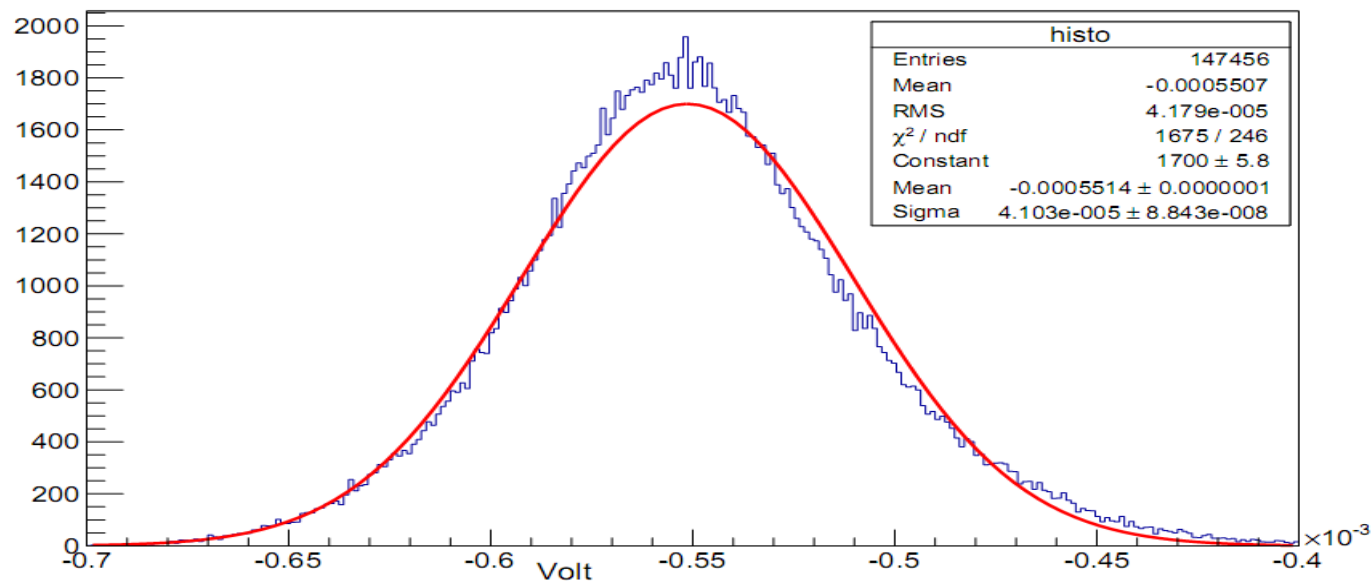
Input Pins		Output Pins		ADC Measurement			
Input Pin-1	Input Pin-2 for Ground	Output Pin-1	Output Pin-2	Unshielded pre-amp		Shielded Pre-amp	
				Mean(Volt)	RMS(Volt)	Mean(Volt)	RMS(Volt)
No Input	No Input	1(A_1+)	2(A_1-)	-0.0005568	0.0001197	-0.0005507	4.18E-05
		3(B_1+)	4(B_1-)	-0.000127	9.94E-05	-1.30E-04	3.92E-05
		16(H_1+)	17(H_1-)	-0.0006078	7.02E-05	-5.78E-04	5.07E-05
		1(A_2_1+)	2(A_2_1-)	-0.001704	1.04E-004	-2.44E-04	4.16E-05

Noise measurement for Unshielded pre-amp (Output pin 1 & 2 of J1)



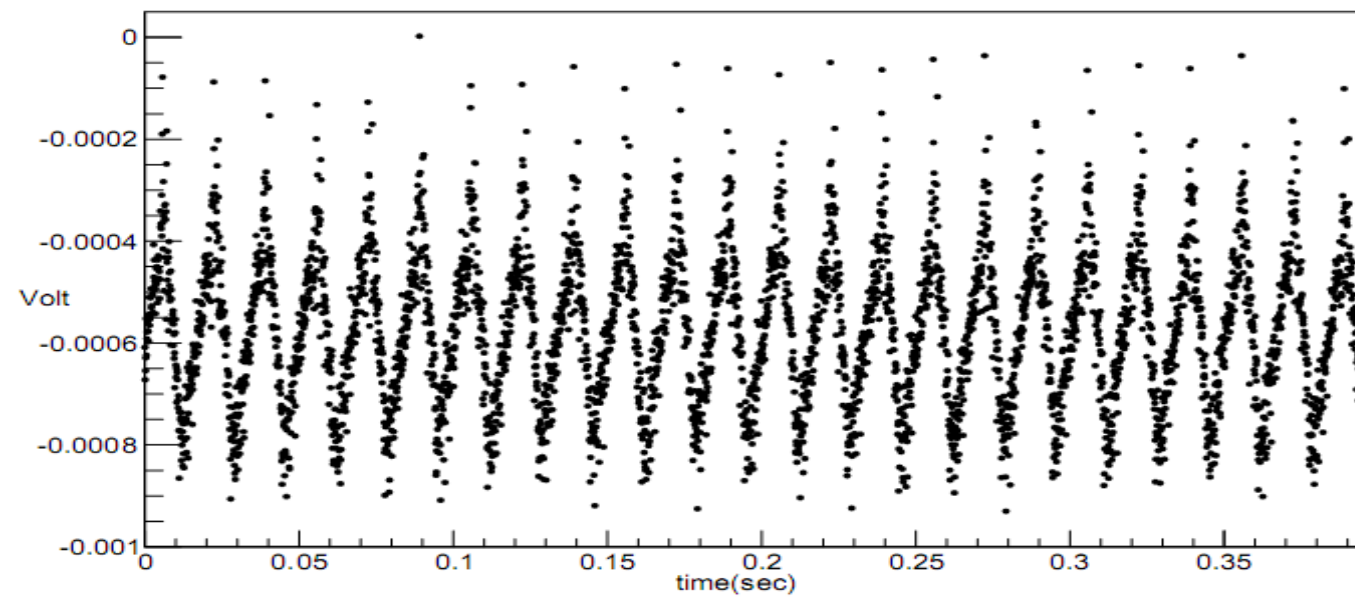
Unshielded

Noise measurement for shielded pre-amp with no input (Output pin 1 & 2)



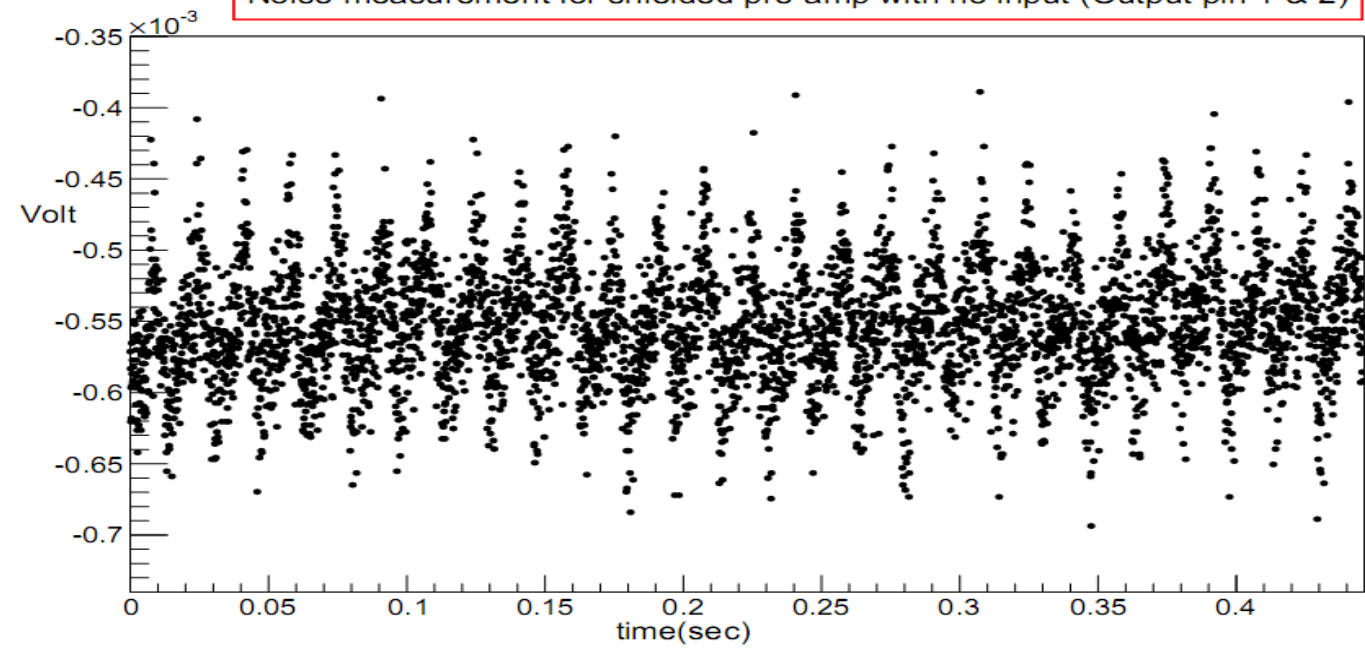
Shielded

Noise measurement for unshielded pre-amp (Output channel 1&2 of J1)



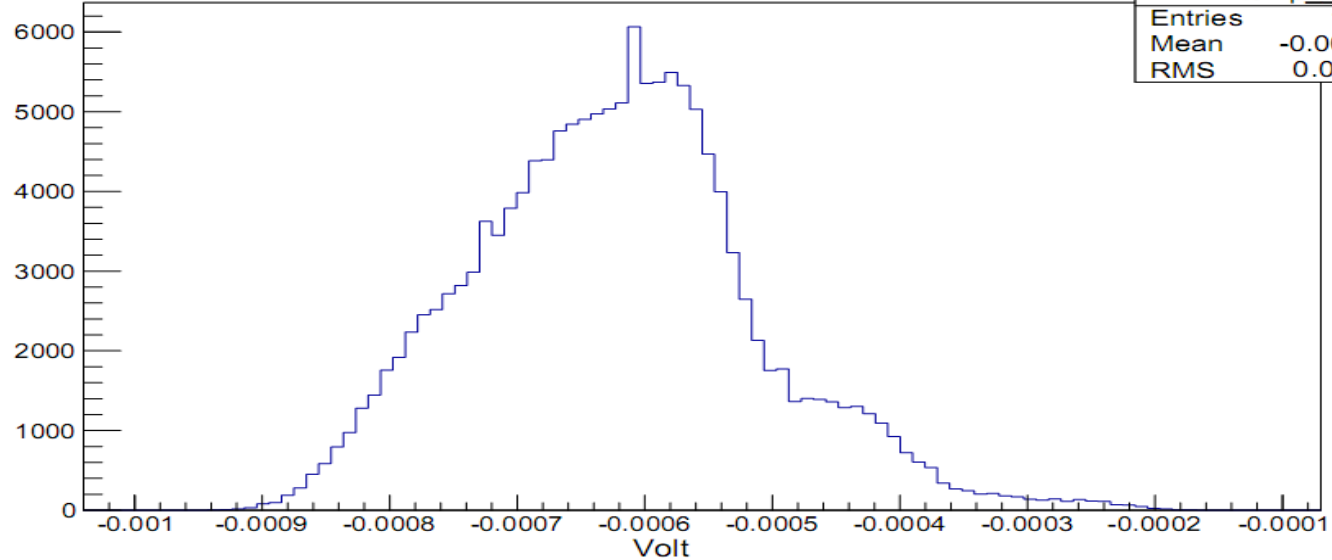
Unshielded

Noise measurement for shielded pre-amp with no input (Output pin 1 & 2)



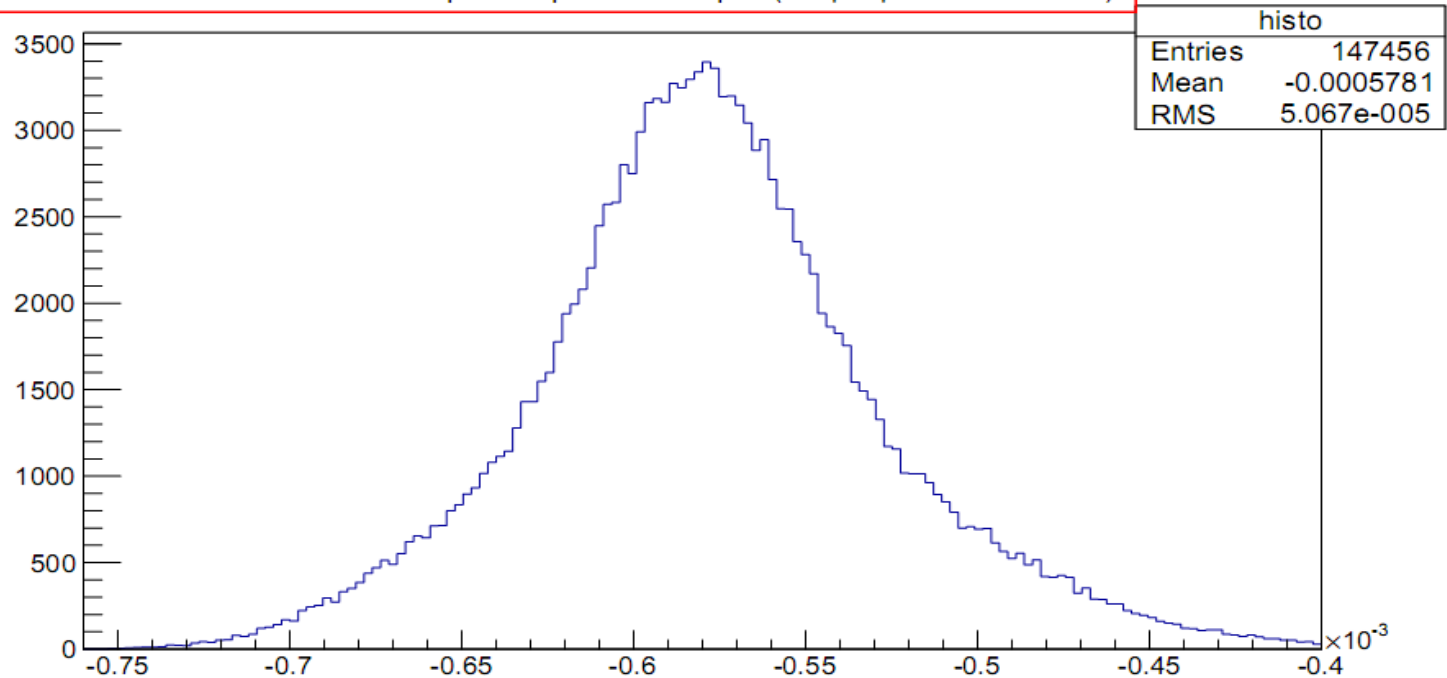
Shielded

Noise measurement for Unshielded pre-amp (Output pin 16 & 17 of J10)



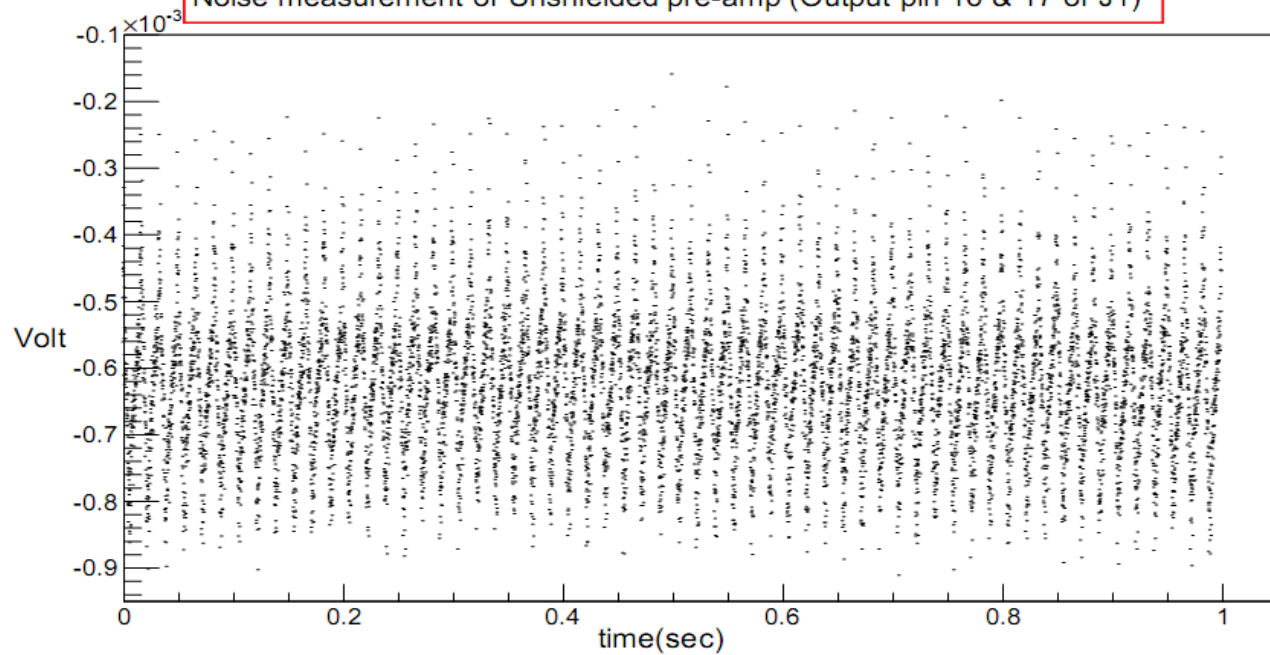
Unshielded

Noise measurement for shielded pre-amp with no input (Output pin 16 & 17 of J1)



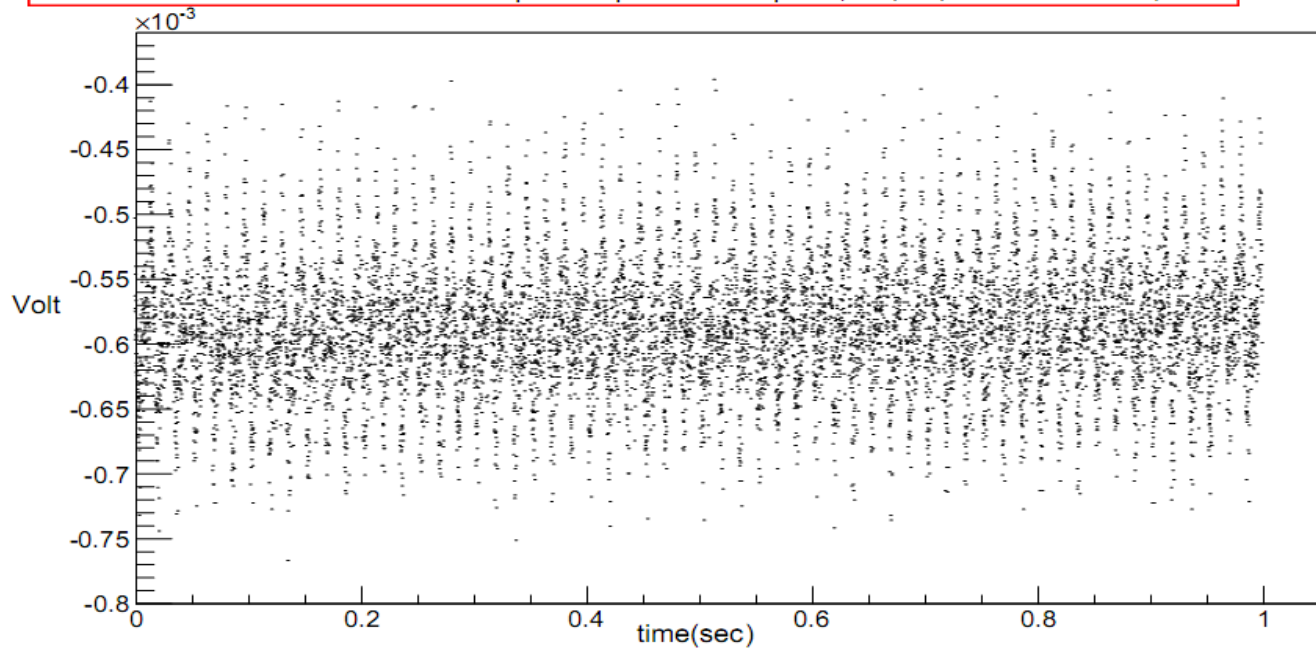
Shielded

Noise measurement of Unshielded pre-amp (Output pin 16 & 17 of J1)



Unshielded

Noise measurement for shielded pre-amp with no input (Output pin 16 & 17 of J1)



Shielded