

Measurements

March 18, 2022

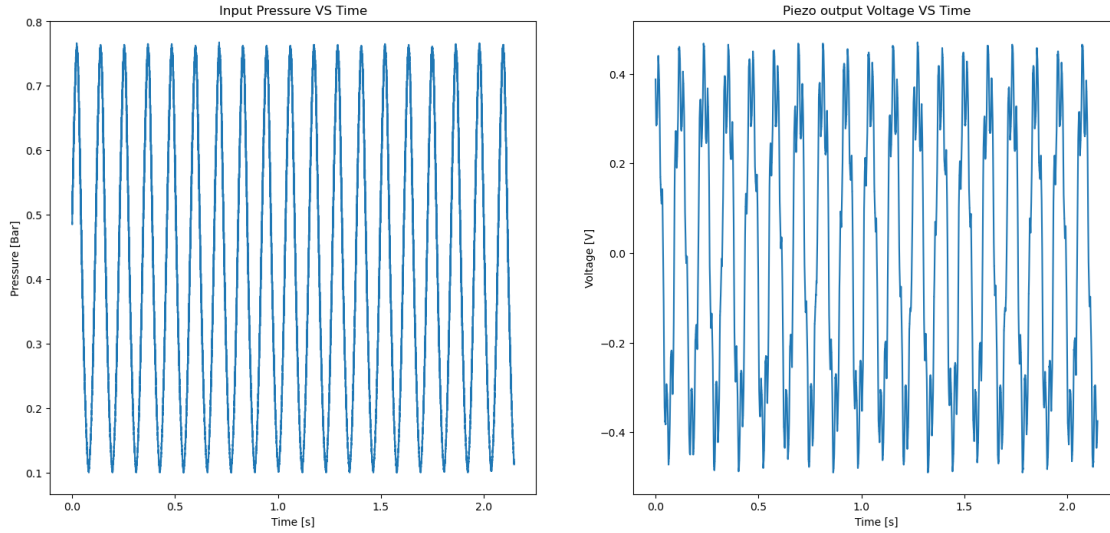
1 PARAMETERS

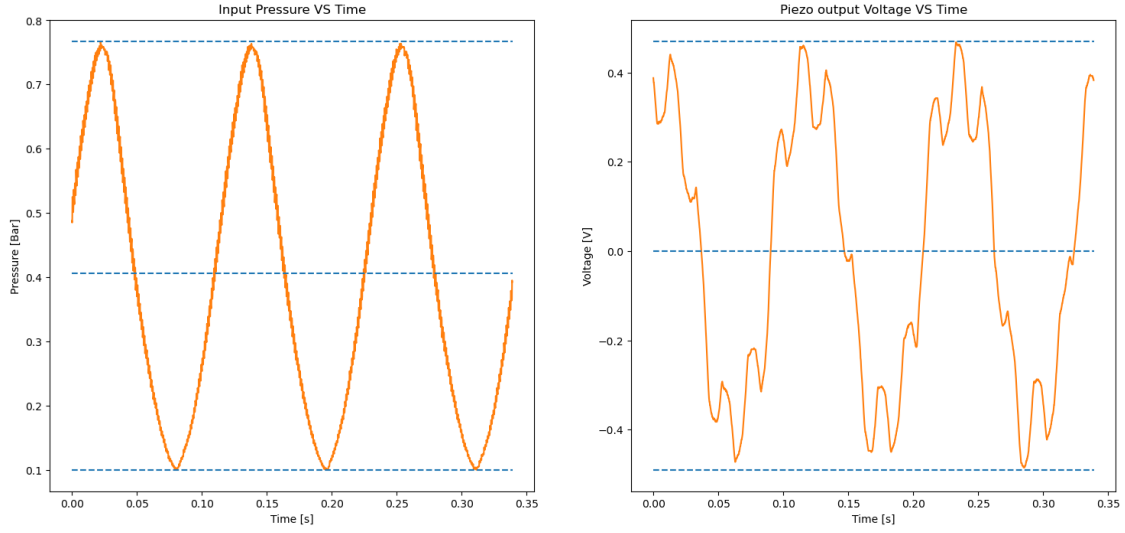
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	2.147483648	[s]
2	Rload	1000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

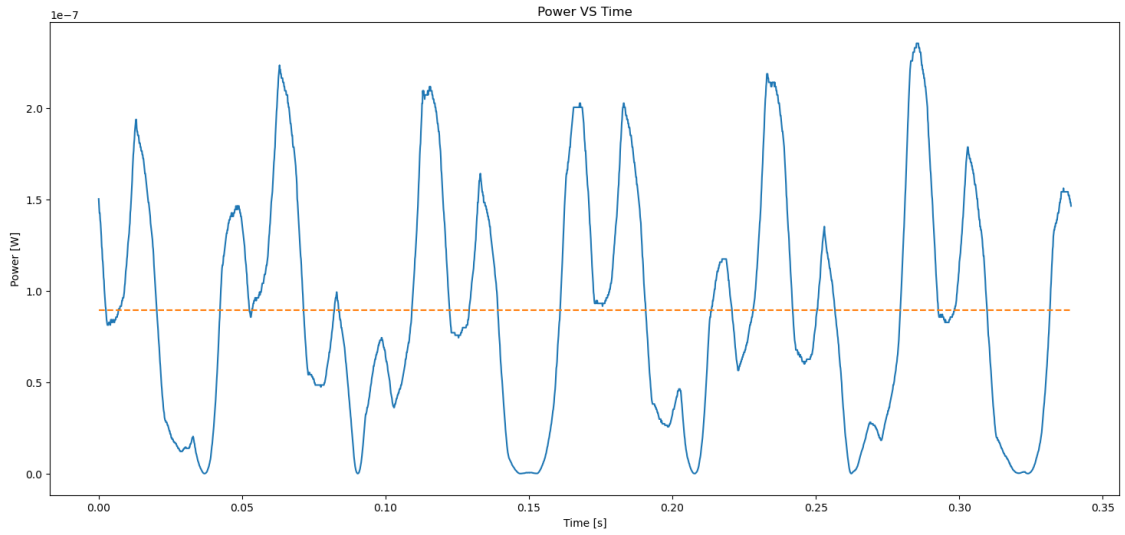
The input frequency is: 8.85 Hz





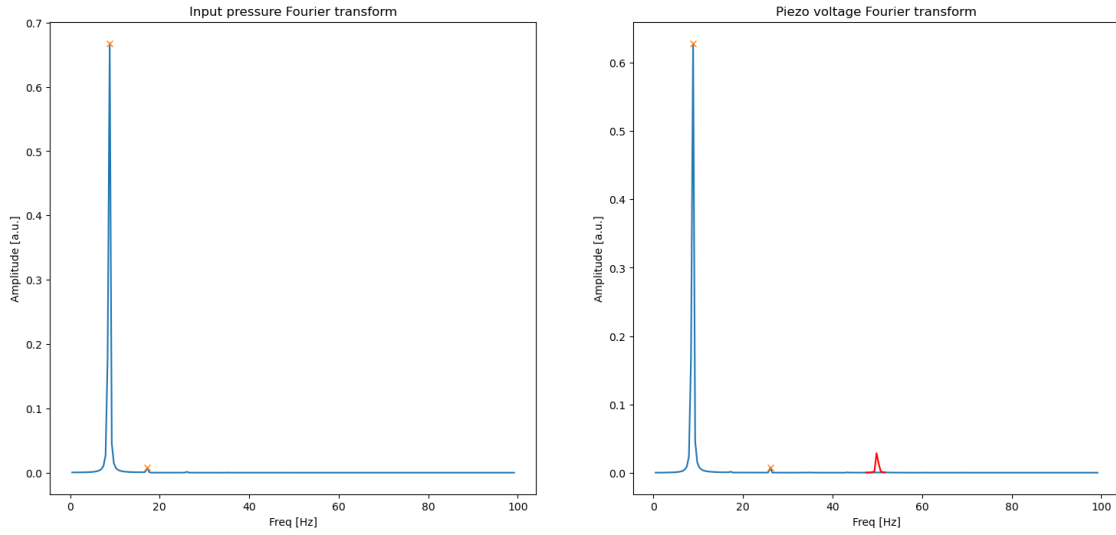
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	1.00e-01	7.67e-01	6.67e-01	4.07e-01	4.07e-01
1	Voltage [V]	-4.90e-01	4.70e-01	9.60e-01	1.66e-04	2.76e-01

3 POWER



Mean power: 8.94×10^{-8} [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	8.85	62.86
1	26.08	0.72

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	8.85	66.78
1	17.23	0.76