

Measurements

March 18, 2022

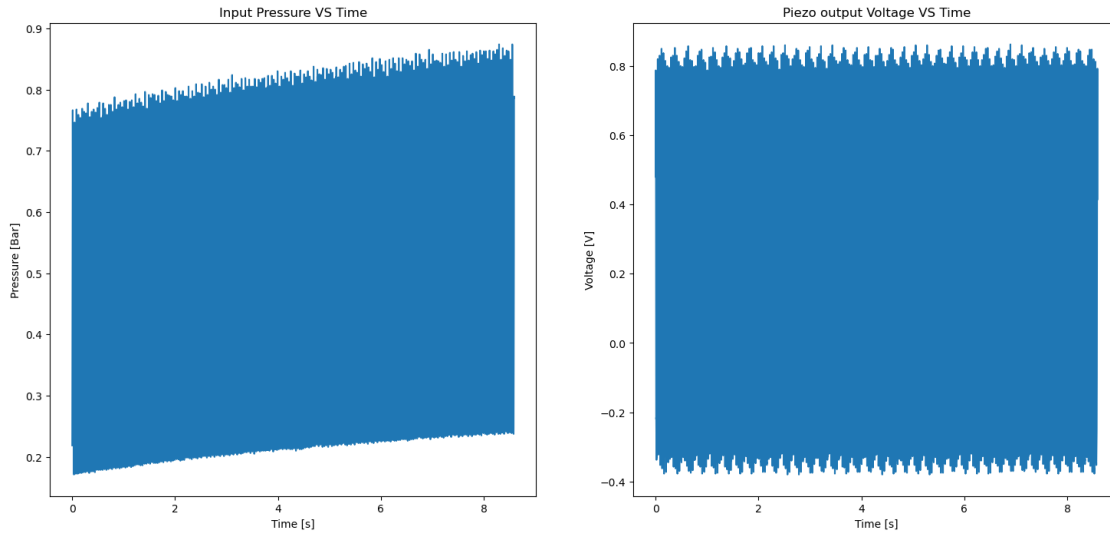
1 PARAMETERS

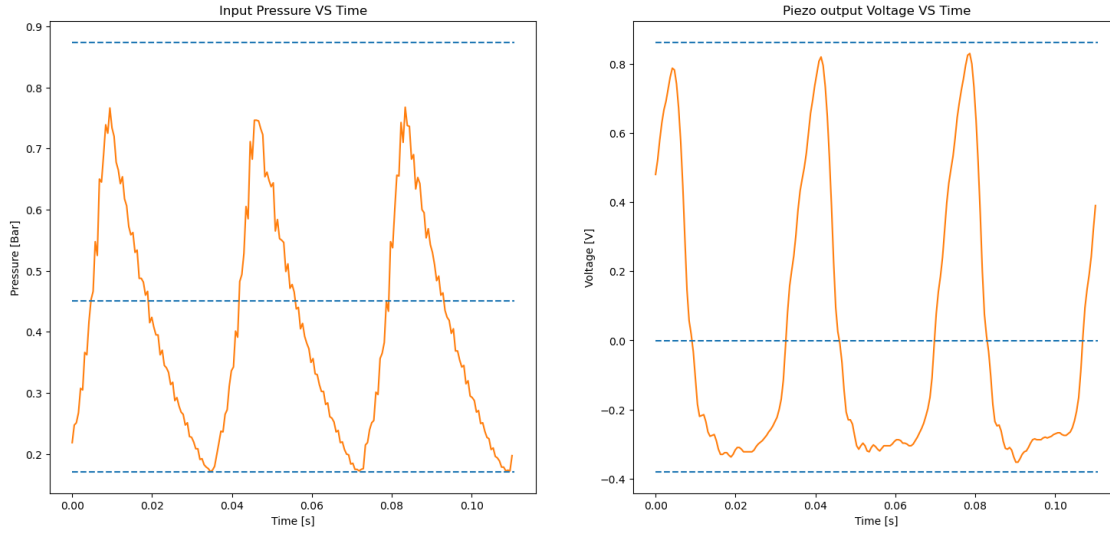
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	8.589934592	[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

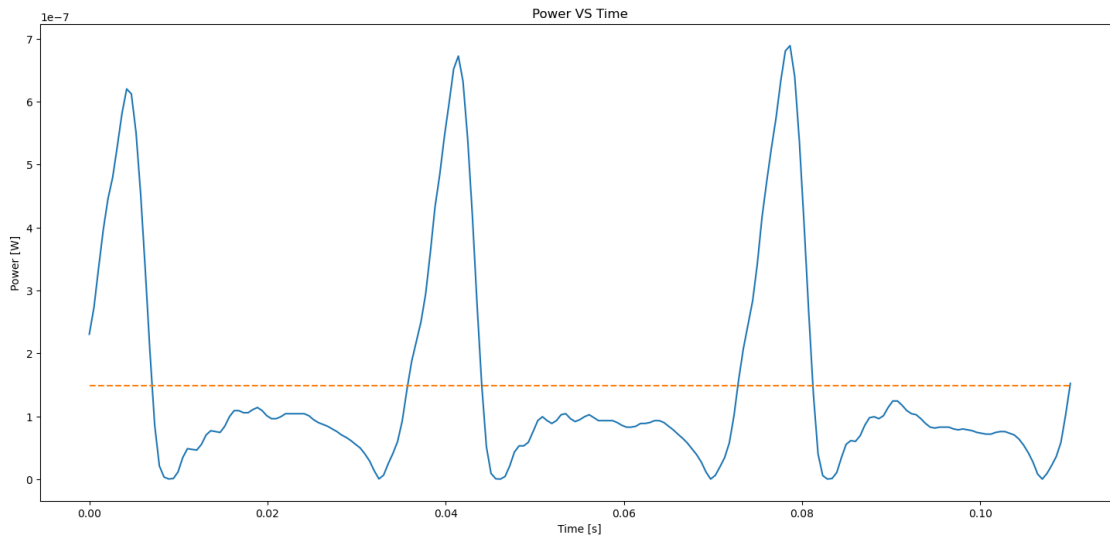
The input frequency is: 27.13 Hz





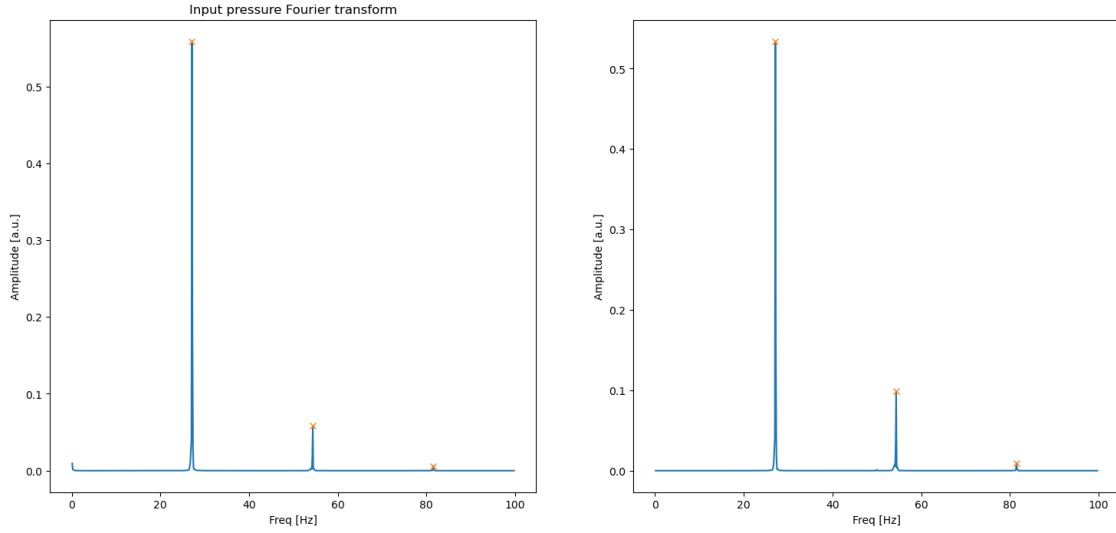
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	1.71e-01	8.74e-01	7.03e-01	4.51e-01	4.51e-01
1	Voltage [V]	-3.80e-01	8.63e-01	1.24e+00	-8.63e-04	3.35e-01

3 POWER



Mean power: 1.49e-07 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	27.13	53.41
1	54.37	9.88
2	81.50	0.95

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	27.13	55.87
1	54.37	5.85
2	81.50	0.61