

Measurements

March 18, 2022

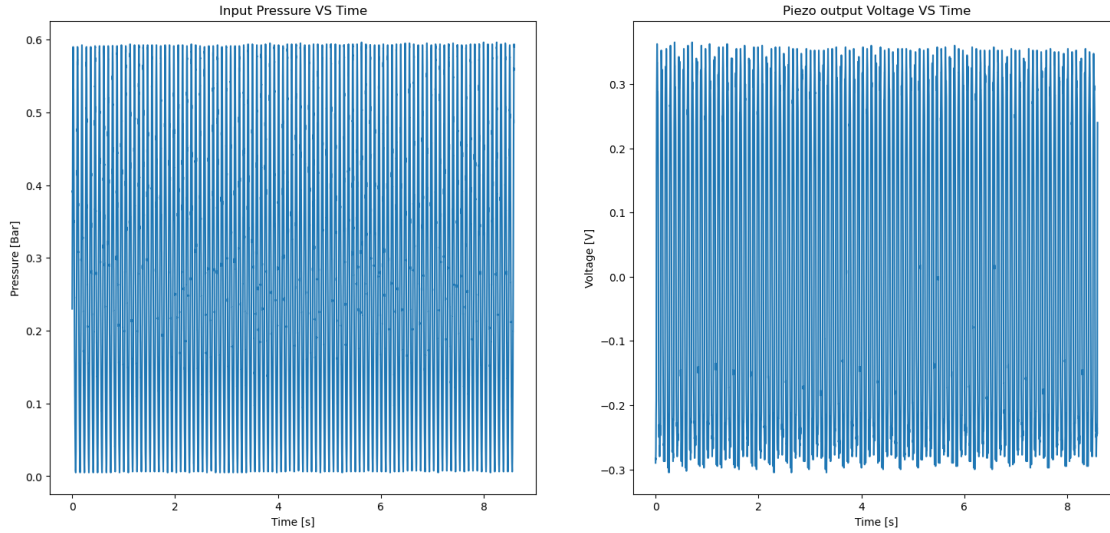
1 PARAMETERS

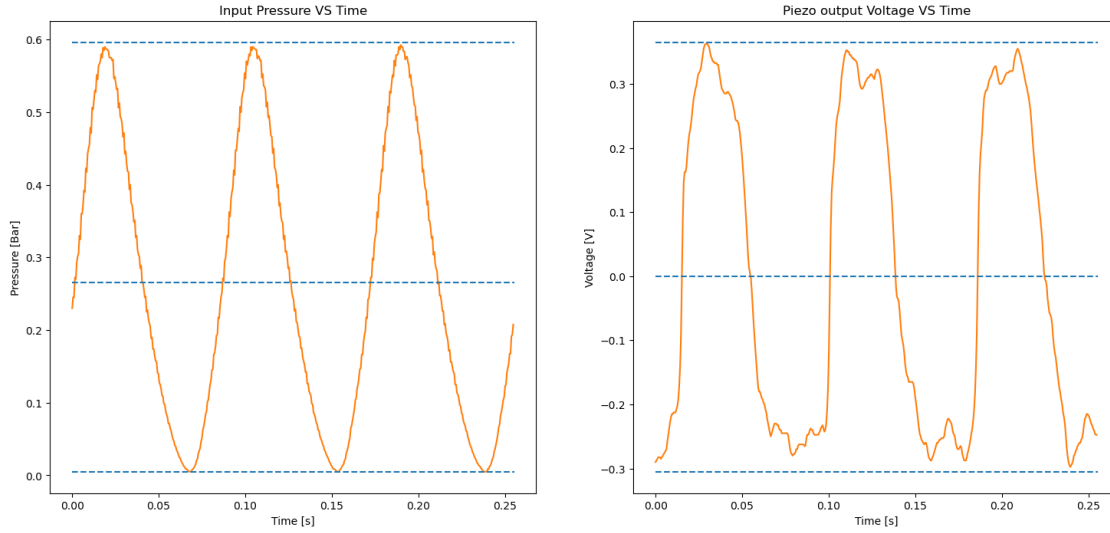
Sample name: ES.PVDF.E0.0m.100nm

	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

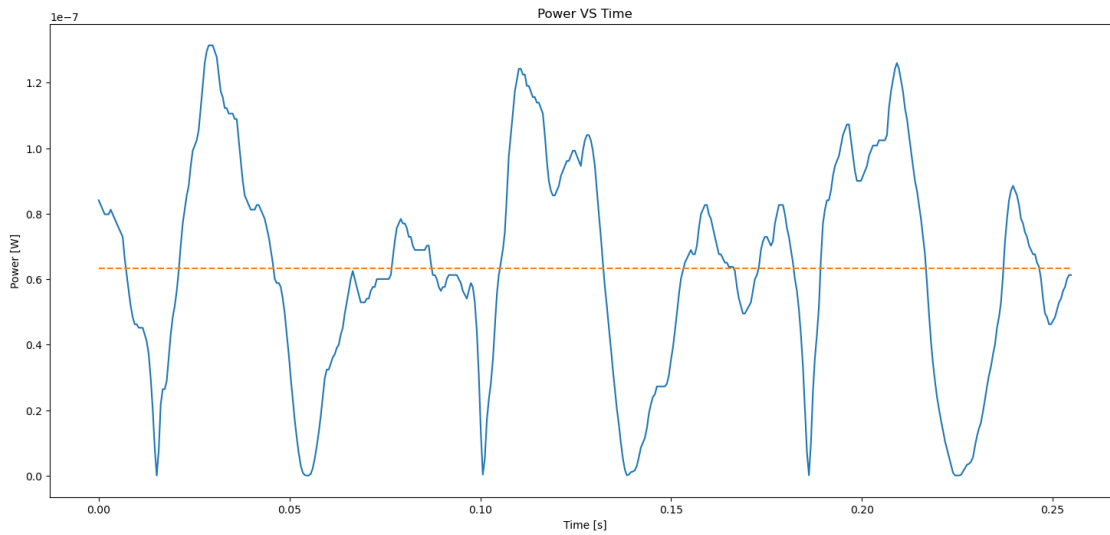
The input frequency is: 11.76 Hz





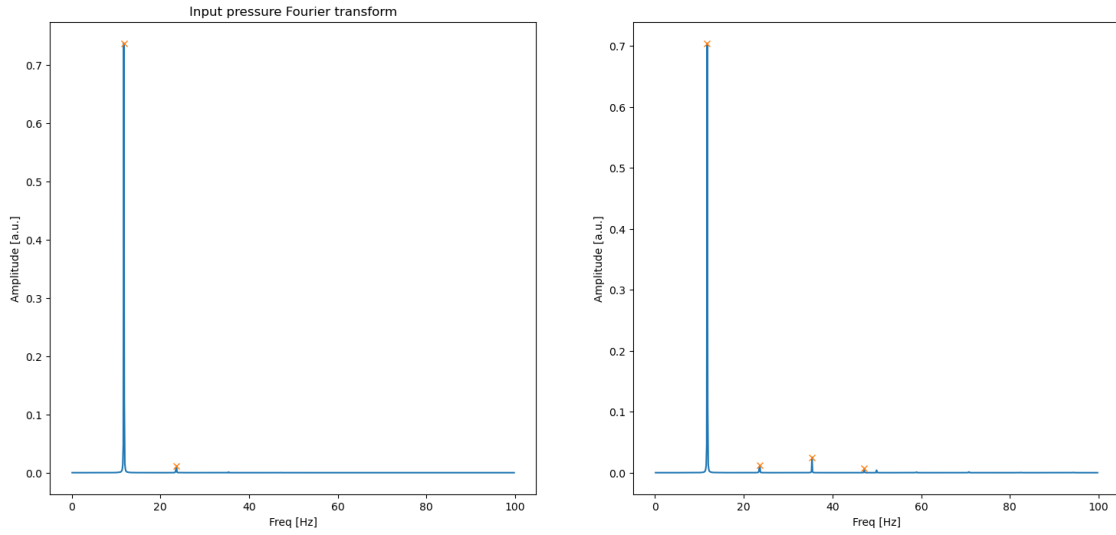
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	5.00e-03	5.96e-01	5.91e-01	2.65e-01	2.65e-01
1	Voltage [V]	-3.05e-01	3.65e-01	6.70e-01	-7.59e-04	2.37e-01

3 POWER



Mean power: 6.32e-08 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.76	70.45
1	23.63	1.21
2	35.39	2.53
3	47.15	0.71

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.76	73.68
1	23.63	1.17