

Measurements

March 18, 2022

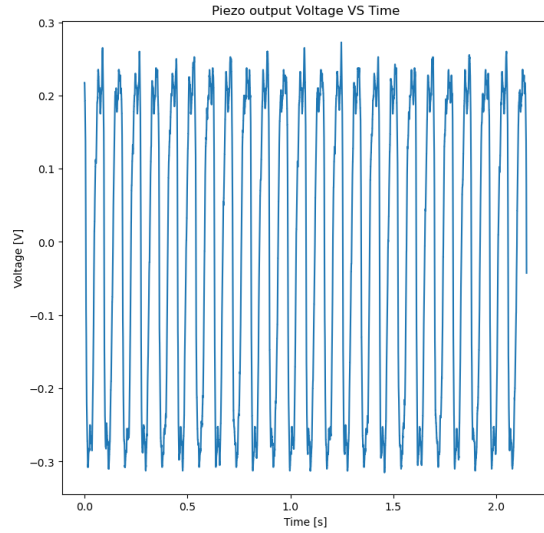
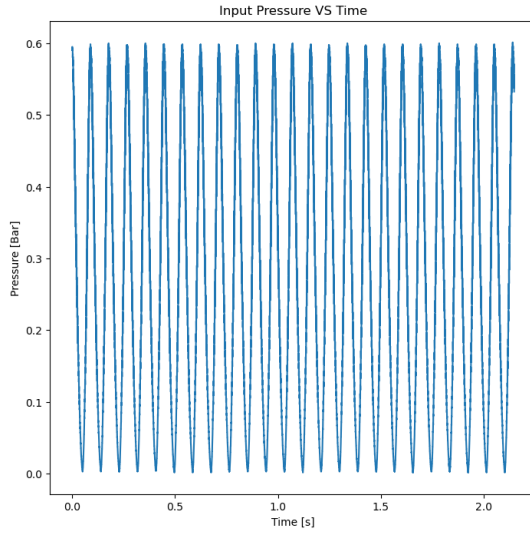
1 PARAMETERS

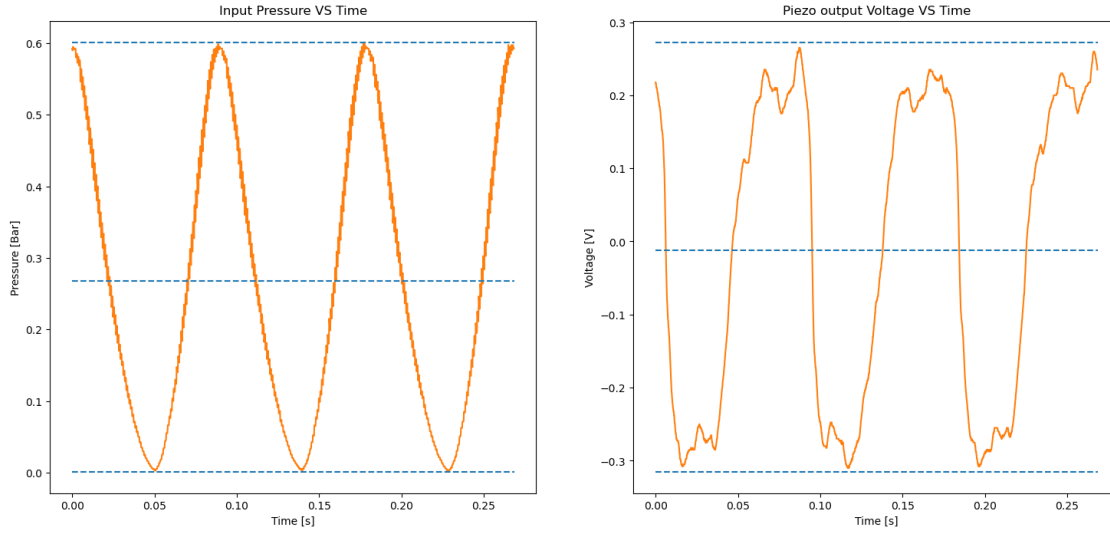
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	2.147483648	[s]
2	Rload	6000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

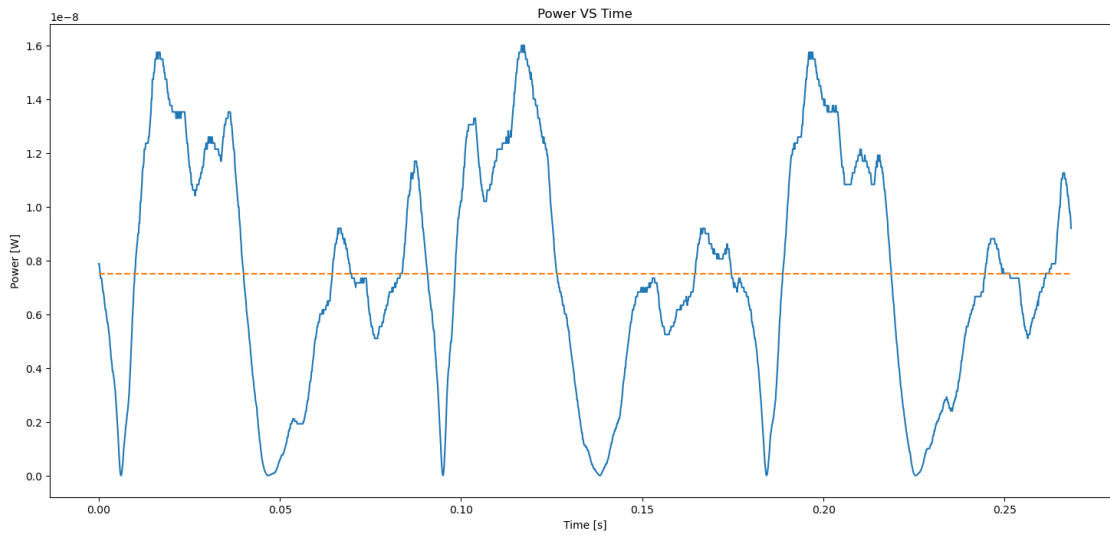
The input frequency is: 11.18 Hz





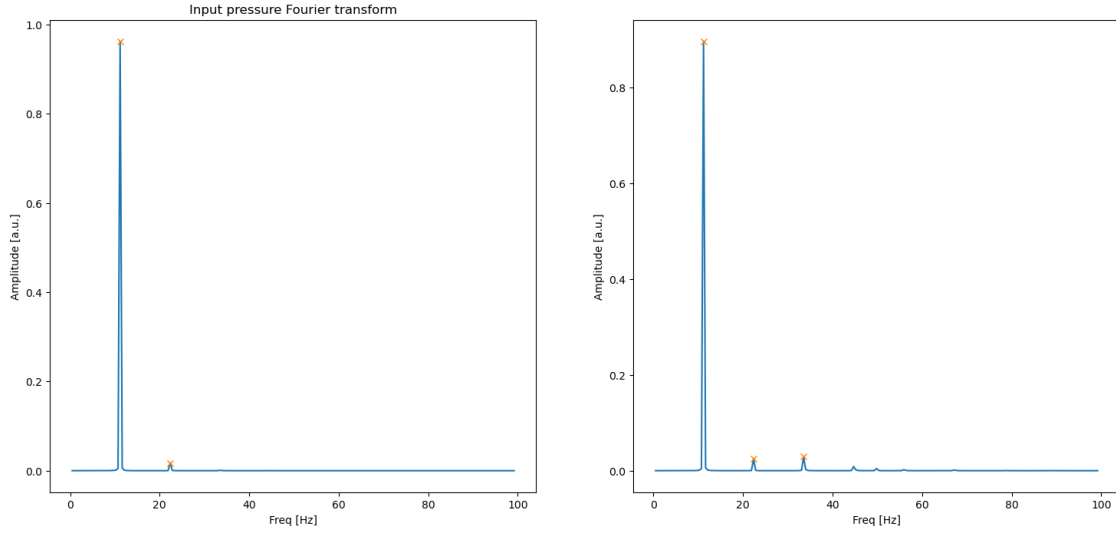
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	1.25e-03	6.01e-01	6.00e-01	2.67e-01	2.67e-01
1	Voltage [V]	-3.15e-01	2.73e-01	5.88e-01	-1.20e-02	2.00e-01

3 POWER



Mean power: 7.53e-09 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.18	89.66
1	22.35	2.52
2	33.53	2.92

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.18	96.27
1	22.35	1.72