

# Measurements

March 18, 2022

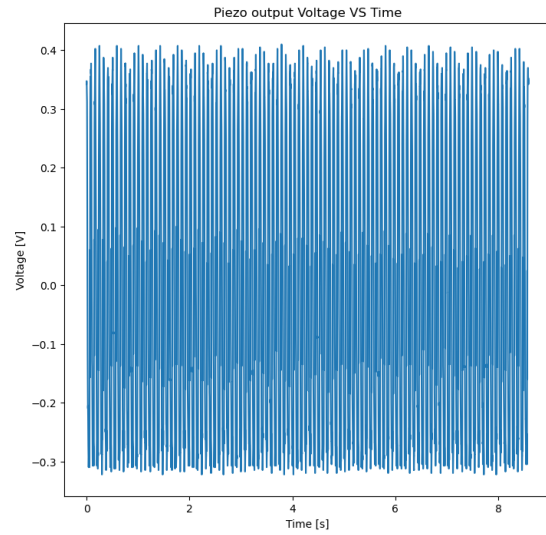
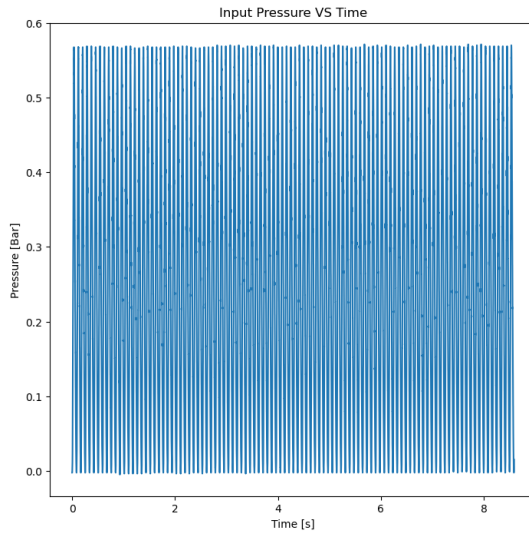
## 1 PARAMETERS

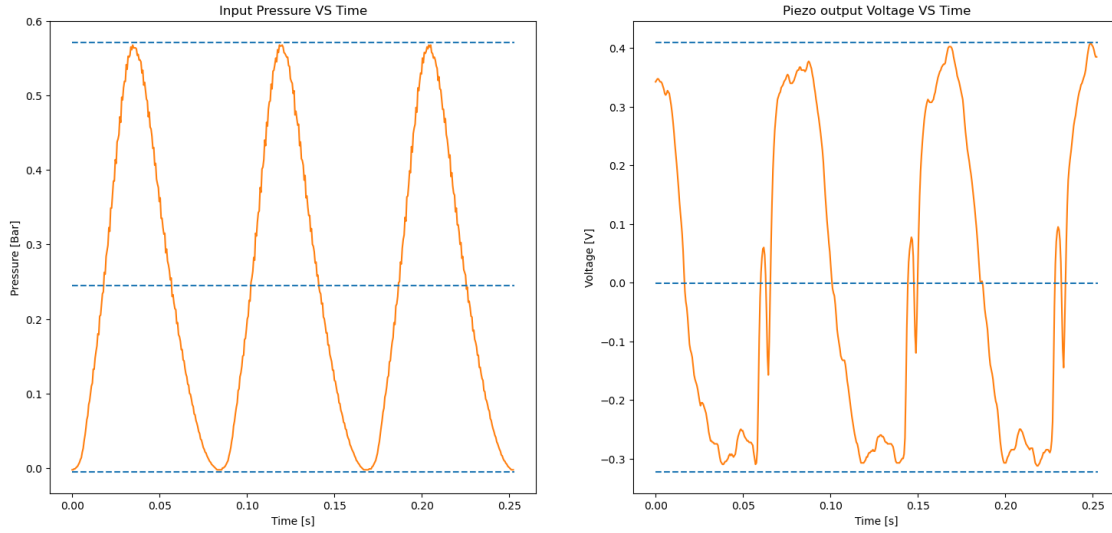
Sample name: ES.PVDF.E0.0m.100nm

	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

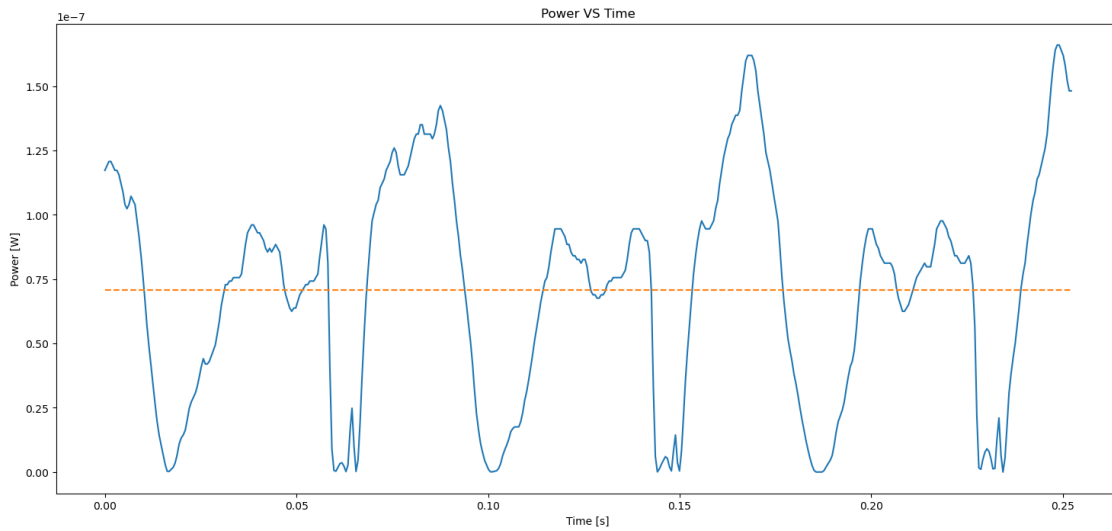
The input frequency is: 11.88 Hz





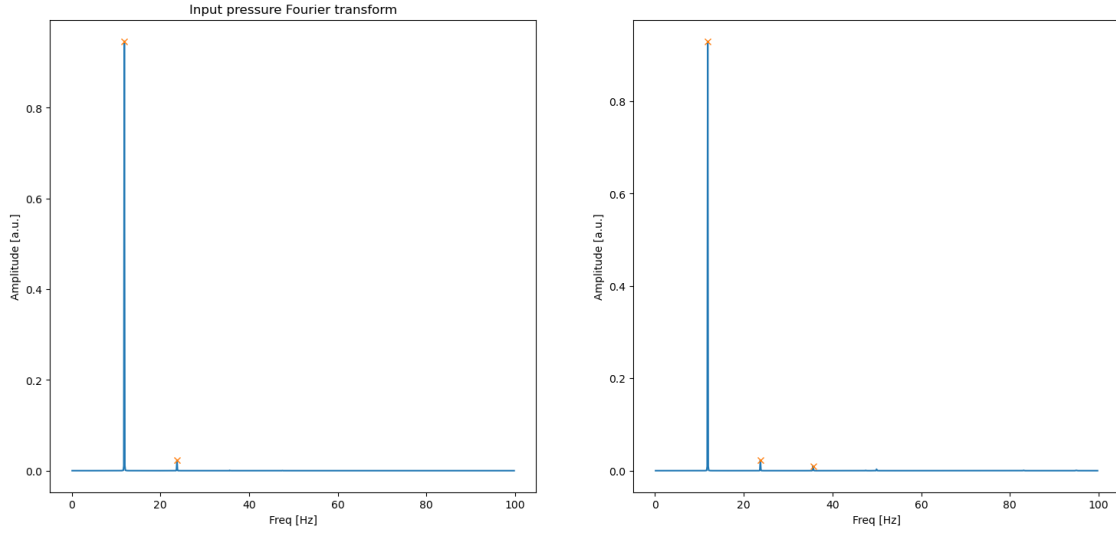
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-5.00e-03	5.71e-01	5.76e-01	2.45e-01	2.45e-01
1	Voltage [V]	-3.23e-01	4.10e-01	7.32e-01	-9.66e-04	2.45e-01

### 3 POWER



Mean power: 7.07e-08 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.88	93.00
1	23.75	2.29
2	35.63	1.00

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.88	94.66
1	23.75	2.30