

# Measurements

March 18, 2022

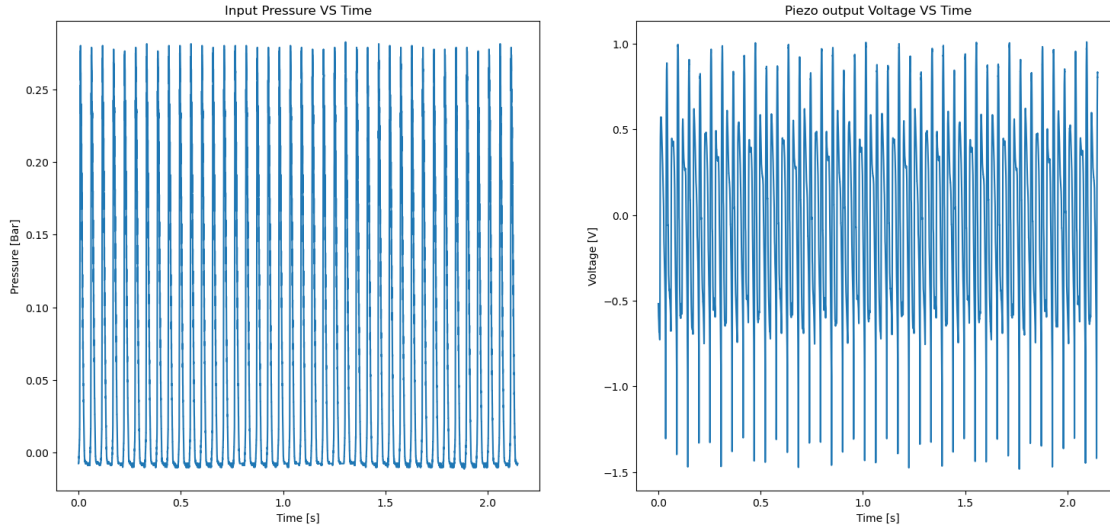
## 1 PARAMETERS

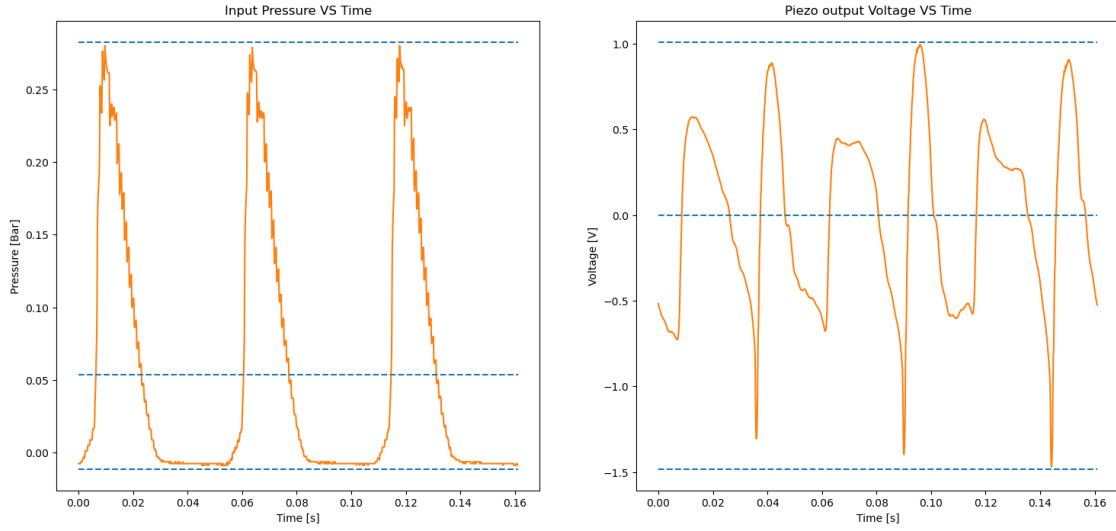
Sample name: ES.PVDF.E0.0m.100nm

	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

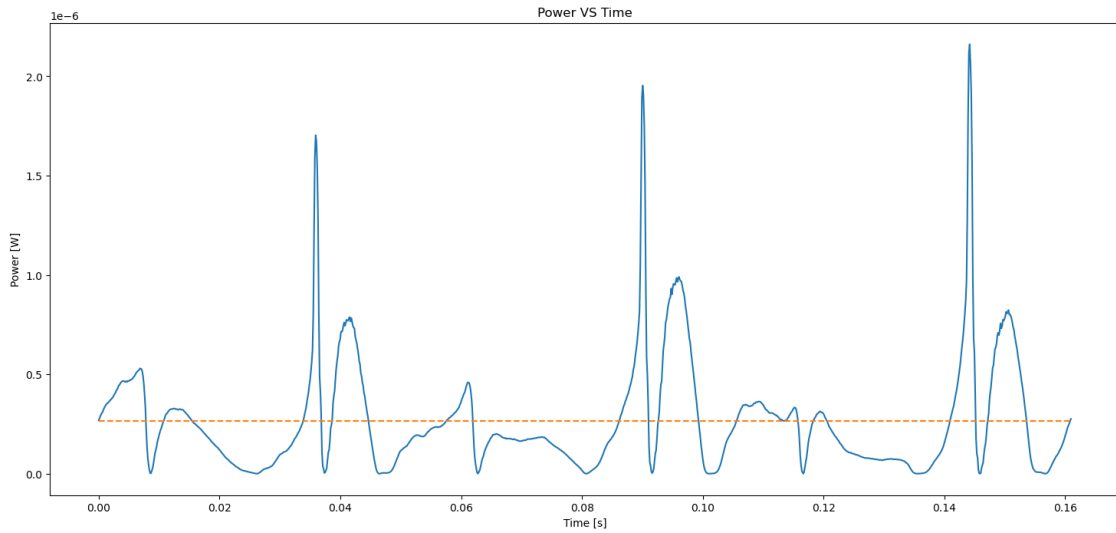
The input frequency is: 18.63 Hz





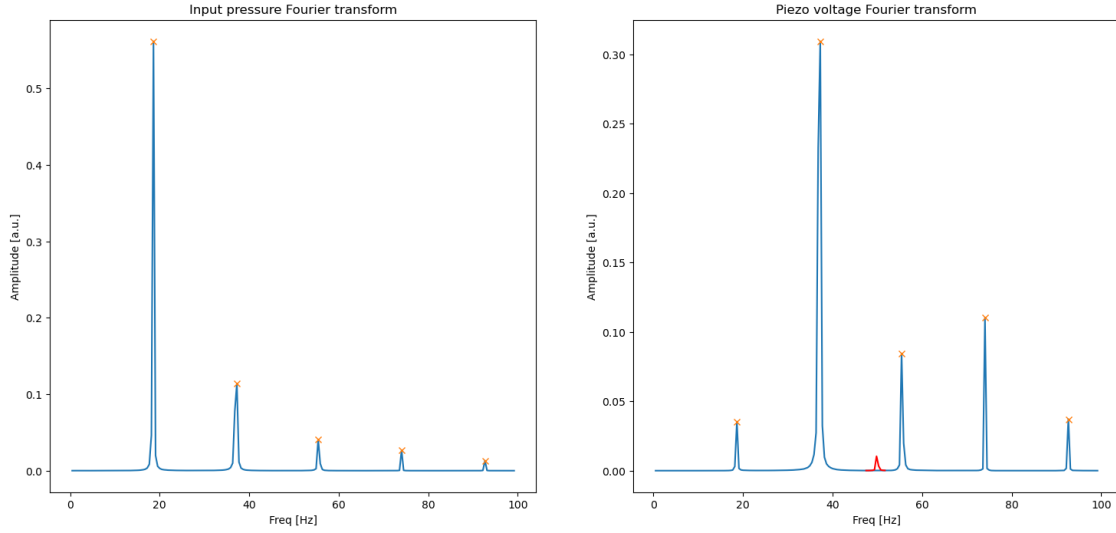
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-1.12e-02	2.82e-01	2.94e-01	5.36e-02	6.14e-02
1	Voltage [V]	-1.48e+00	1.01e+00	2.49e+00	-1.45e-05	4.48e-01

### 3 POWER



Mean power: 2.66e-07 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	18.63	3.54
1	37.26	30.95
2	55.42	8.45
3	74.04	11.01
4	92.67	3.71

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	18.63	56.17
1	37.26	11.38
2	55.42	4.06
3	74.04	2.66
4	92.67	1.32