

# Measurements

March 18, 2022

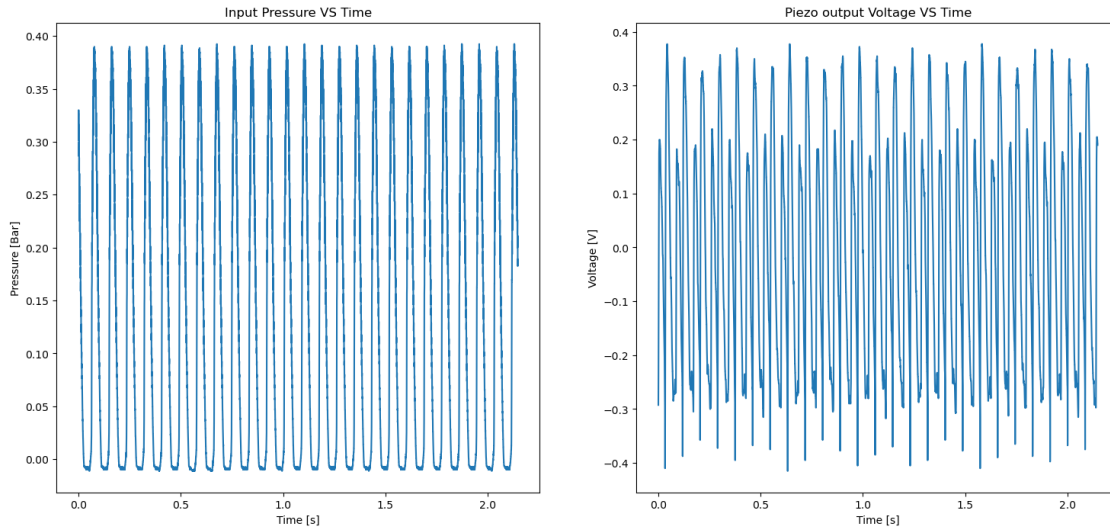
## 1 PARAMETERS

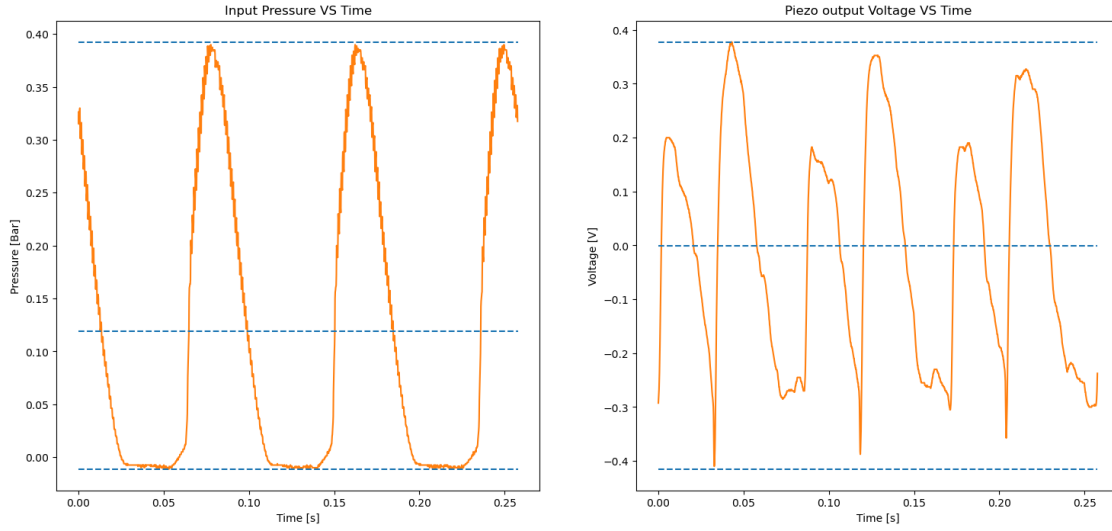
Sample name: ES.PVDF.E9.30m.100nm.11.64

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E9.30m.100nm.11.64	
1	Measure duration	2.147483648	[s]
2	Rload	5000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

## 2 PRESSURE AND VOLTAGE MEASUREMENTS

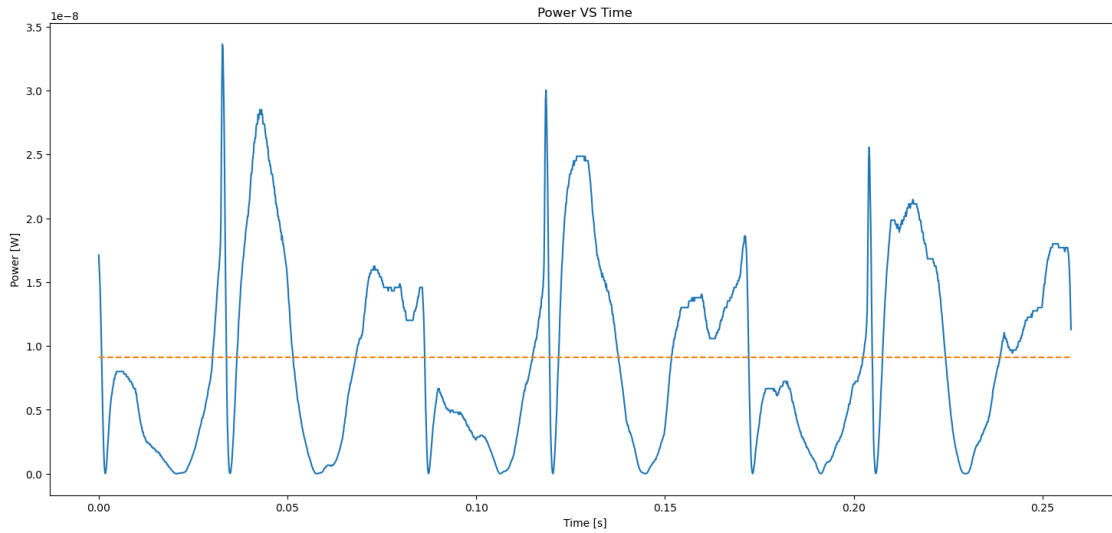
The input frequency is: 11.64 Hz





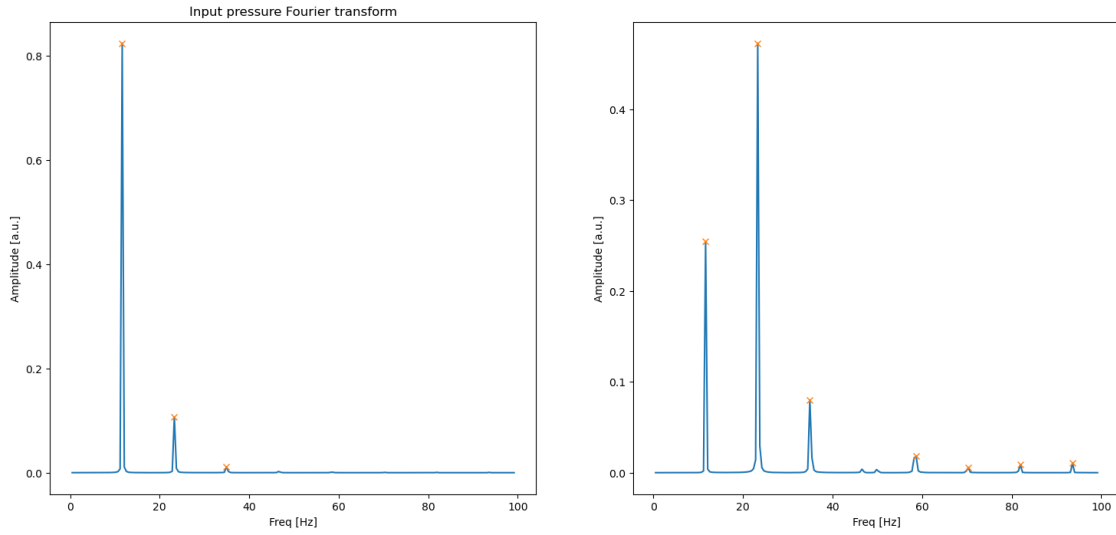
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-1.12e-02	3.93e-01	4.04e-01	1.19e-01	1.26e-01
1	Voltage [V]	-4.15e-01	3.78e-01	7.92e-01	-3.47e-04	1.91e-01

### 3 POWER



Mean power: 9.12e-09 [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.64	25.46
1	23.28	47.27
2	34.93	8.00
3	58.68	1.80
4	70.32	0.54
5	81.96	0.90
6	93.60	1.06

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	11.64	82.35
1	23.28	10.68
2	34.93	1.11