

# Measurements

March 17, 2022

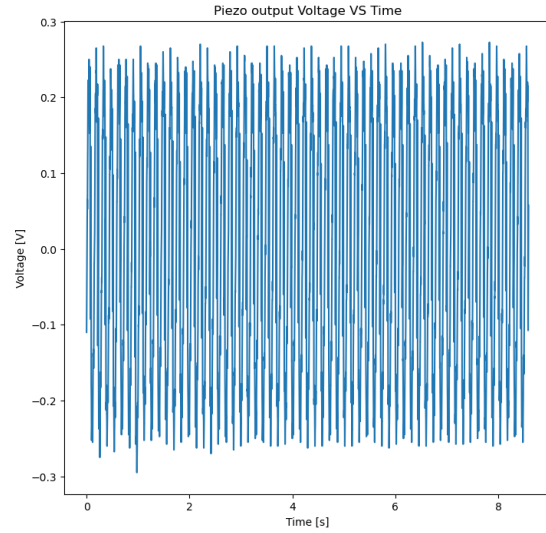
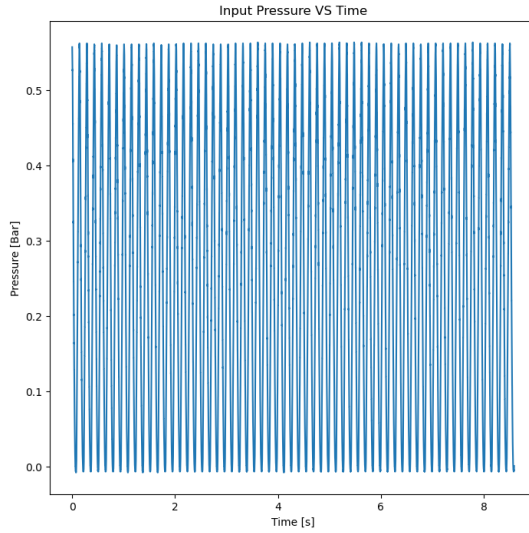
## 1 PARAMETERS

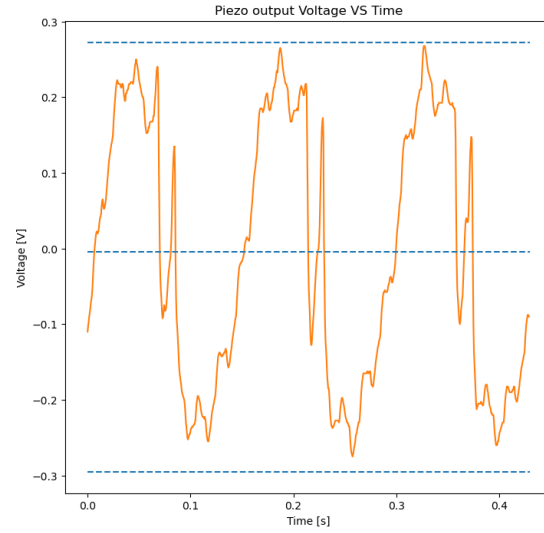
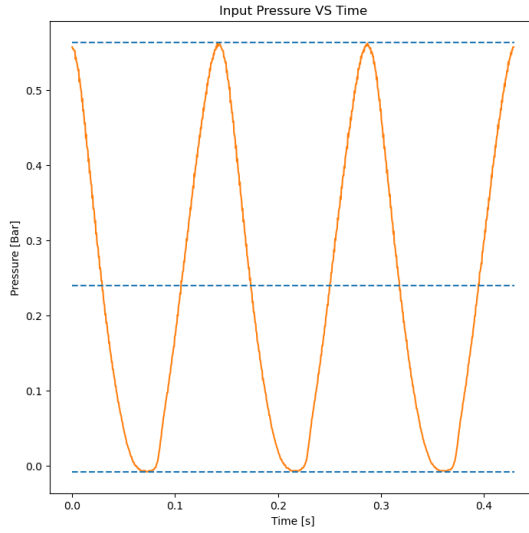
Sample name: ES.PVDF.E0.0m.100nm.6.99Hz

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm.6.99Hz	
1	Measure duration	8.589934592	[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

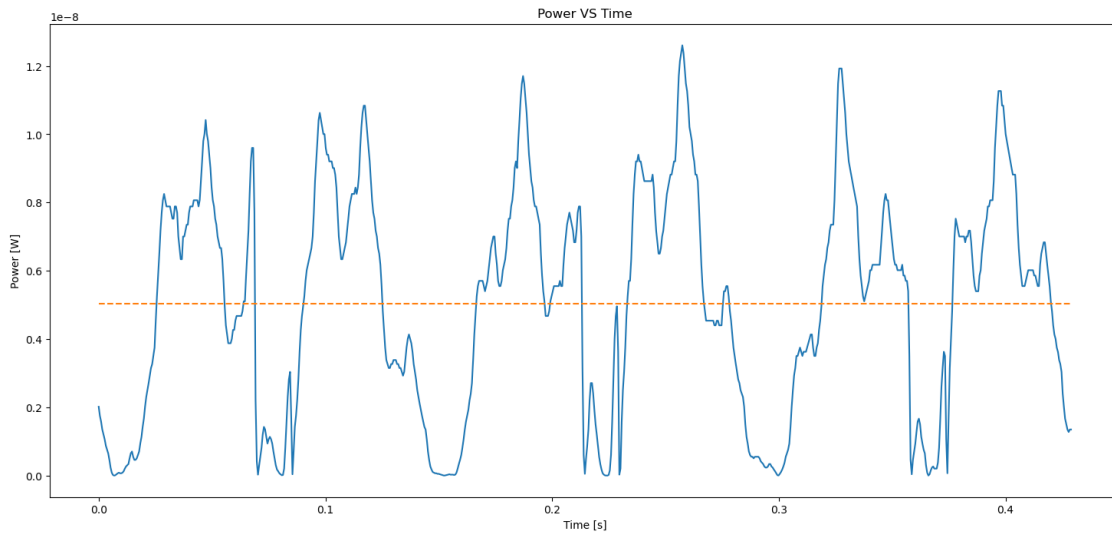
The input frequency is: 6.99 Hz





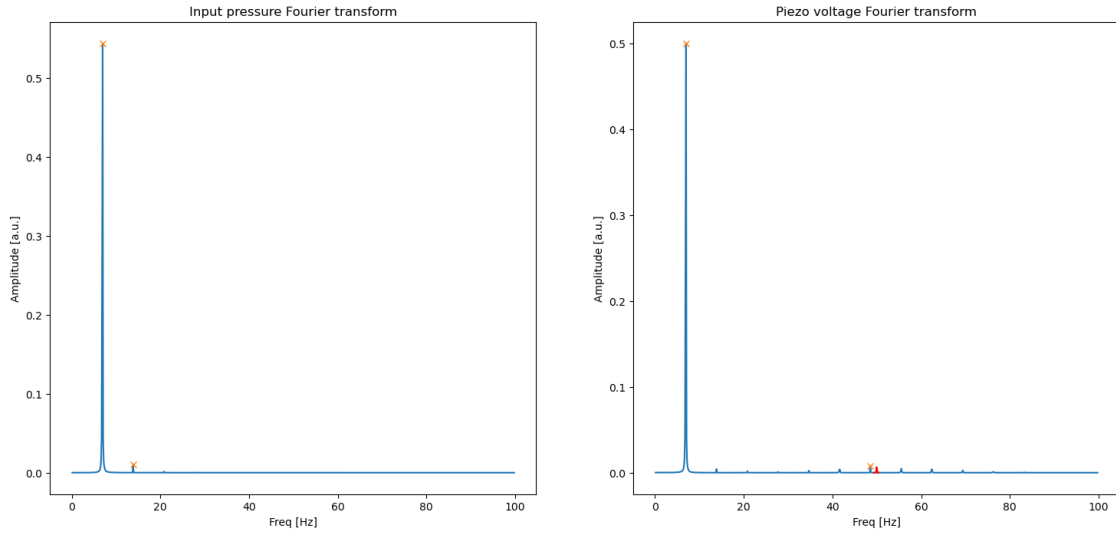
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-7.50e-03	5.64e-01	5.71e-01	2.40e-01	2.41e-01
1	Voltage [V]	-2.95e-01	2.73e-01	5.68e-01	-4.23e-03	1.57e-01

### 3 POWER



Mean power:  $5.04 \times 10^{-9}$  [W]

## 4 FREQUENCY ANALYSIS



### 4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	6.99	50.06
1	48.55	0.79

### 4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	6.99	54.39
1	13.85	0.99