Measurements

March 15, 2022
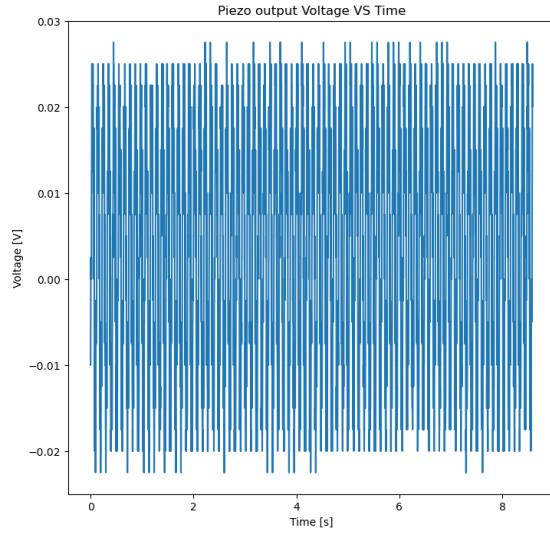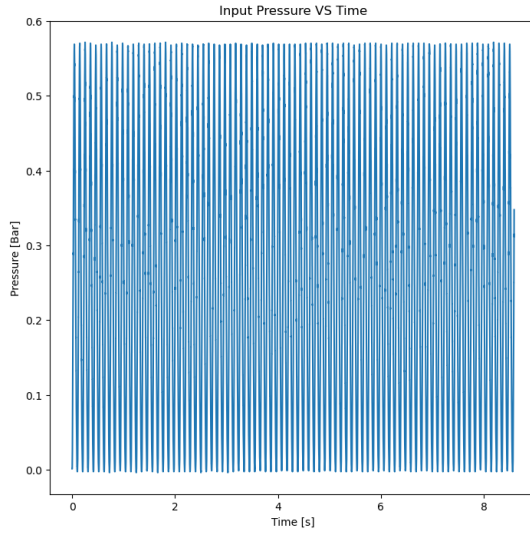
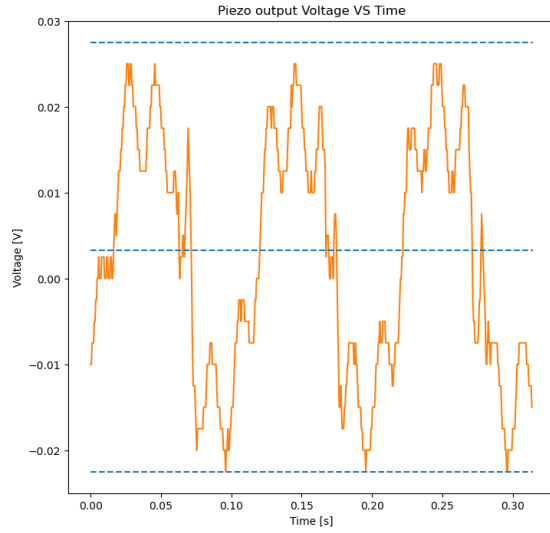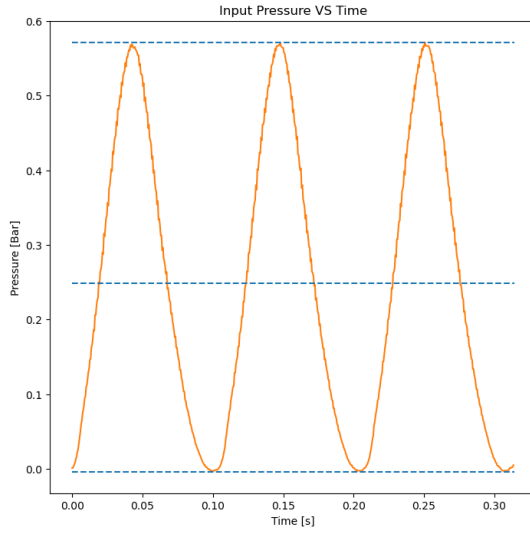# 1 PARAMETERS

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

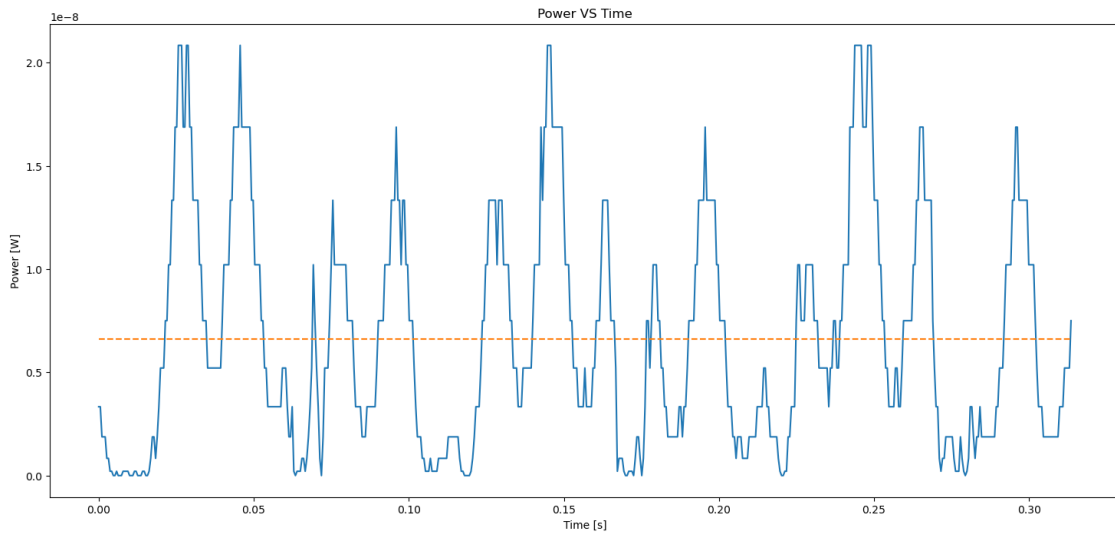|	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	10.0	[s]
2	Rload	30000.0	[Ohms]]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

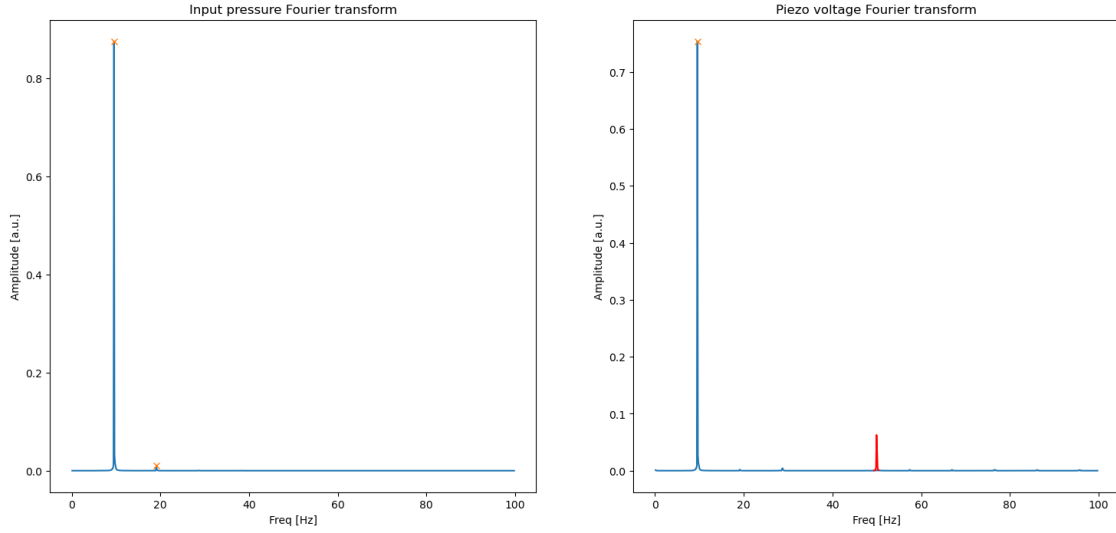# 2 PRESSURE AND VOLTAGE MEASUREMENTS

The input frequency is: 9.55 Hz

	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-3.75e-03	5.71e-01	5.75e-01	2.48e-01	2.48e-01
1	Voltage [V]	-2.25e-02	2.75e-02	5.00e-02	3.24e-03	1.25e-02

3 POWER

Mean power: 6.60e-09 [W]

4   FREQUENCY ANALYSIS

4.1   Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.55	75.36

4.2   Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	9.55	87.59
1	19.09	0.98