

Measurements

March 18, 2022

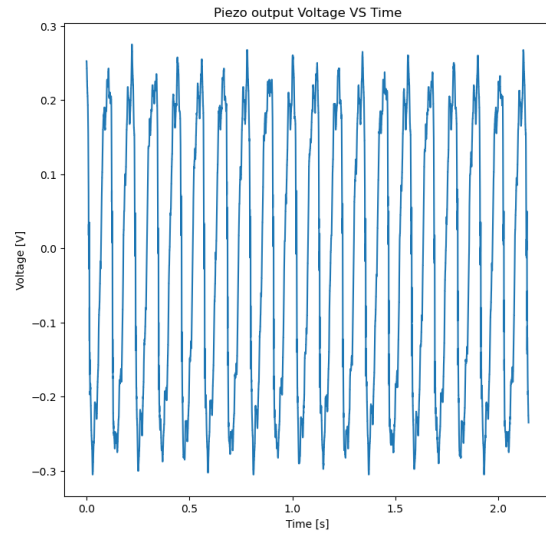
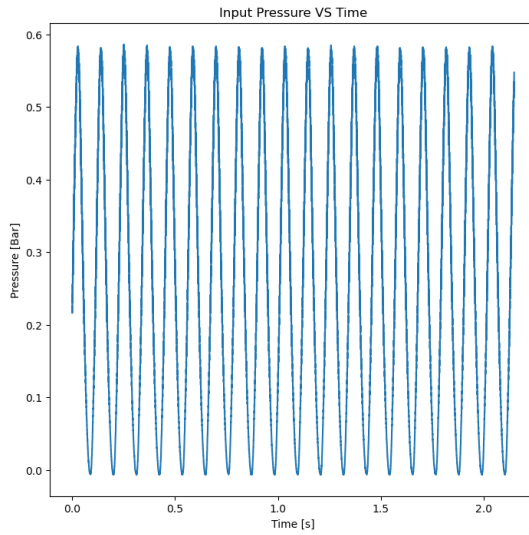
1 PARAMETERS

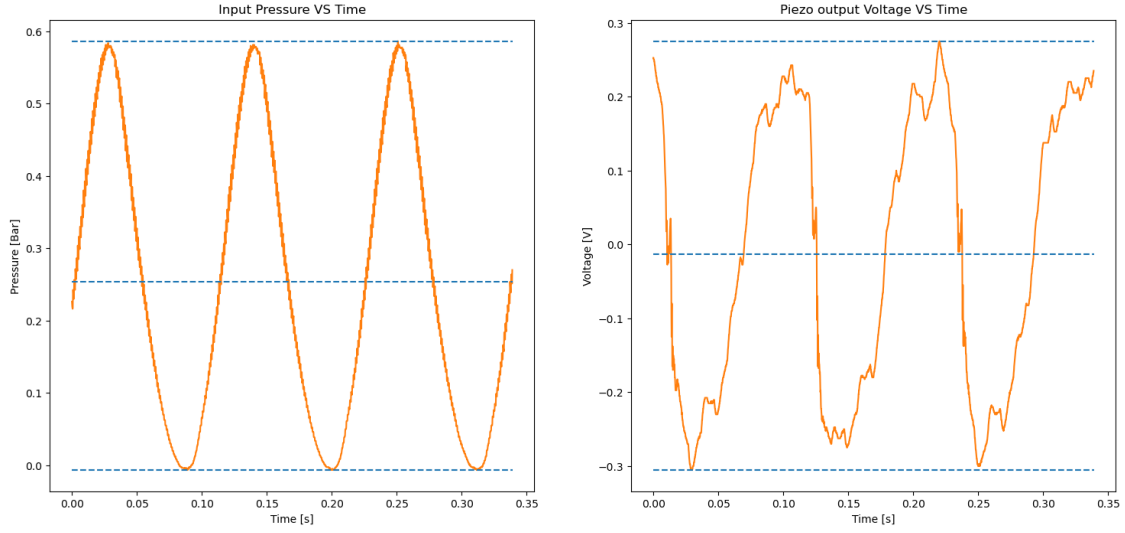
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	2.147483648	[s]
2	Rload	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

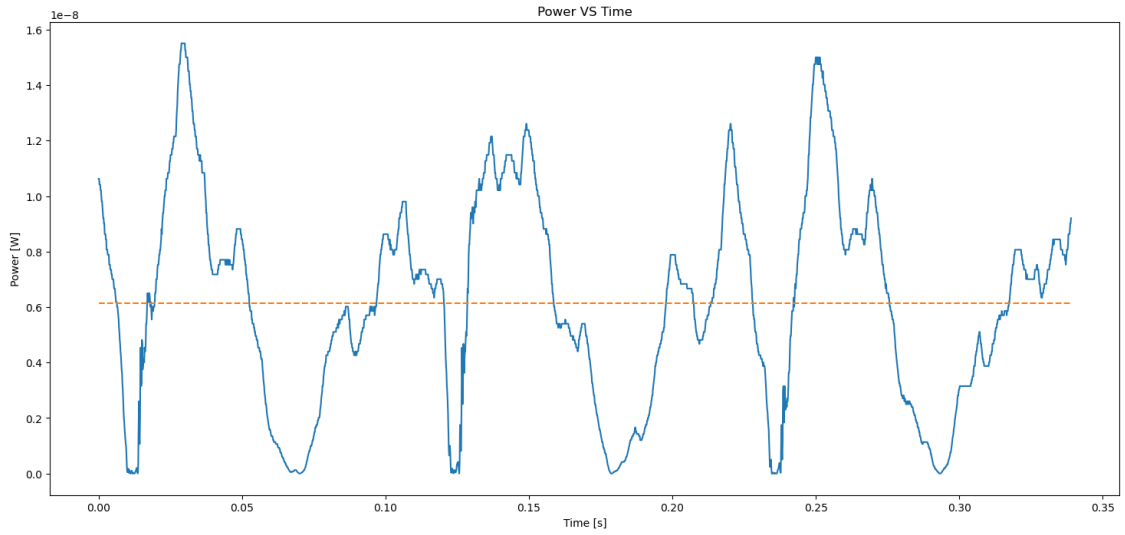
The input frequency is: 8.85 Hz





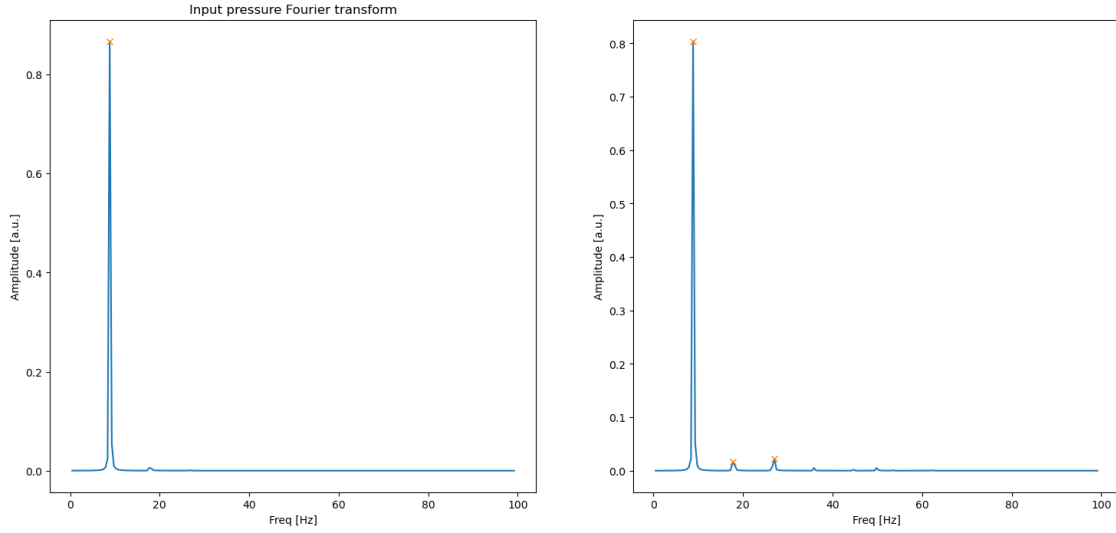
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-6.25e-03	5.86e-01	5.93e-01	2.54e-01	2.55e-01
1	Voltage [V]	-3.05e-01	2.75e-01	5.80e-01	-1.30e-02	1.77e-01

3 POWER



Mean power: 6.14e-09 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	8.85	80.39
1	17.70	1.62
2	27.01	2.27

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	8.85	86.73