

Measurements

March 18, 2022

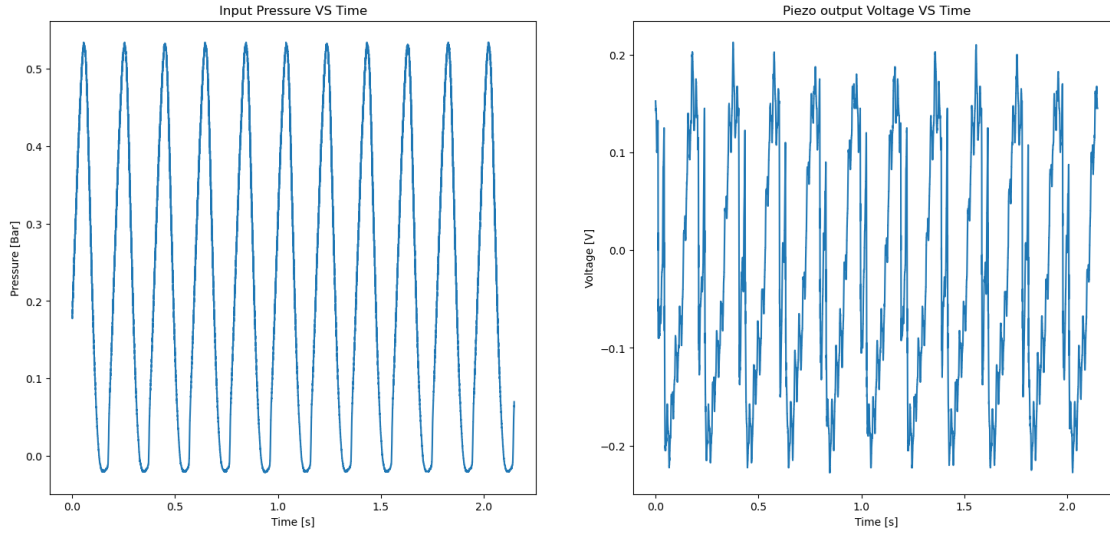
1 PARAMETERS

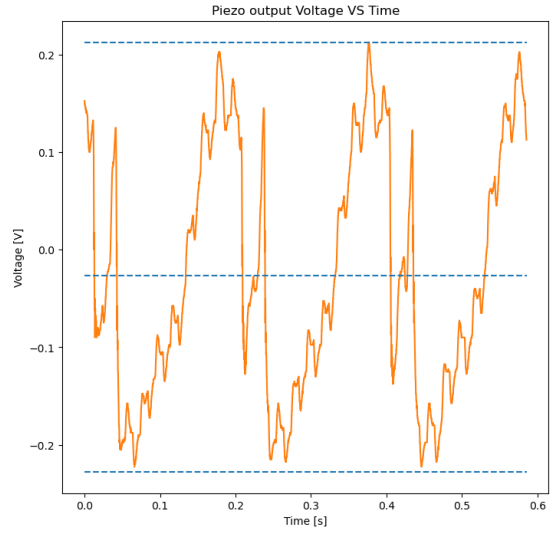
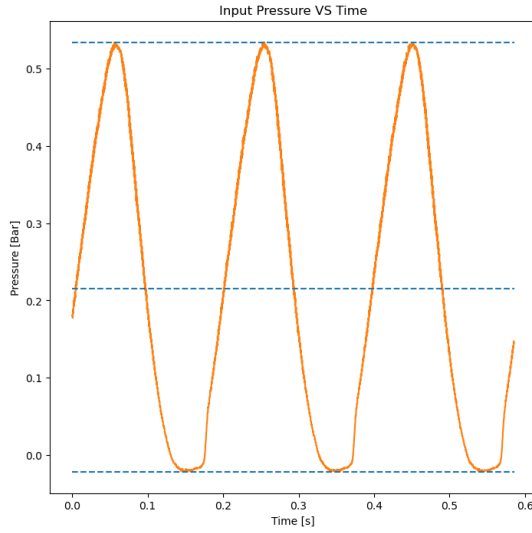
Sample name: ES.PVDF.E0.0m.100nm

	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

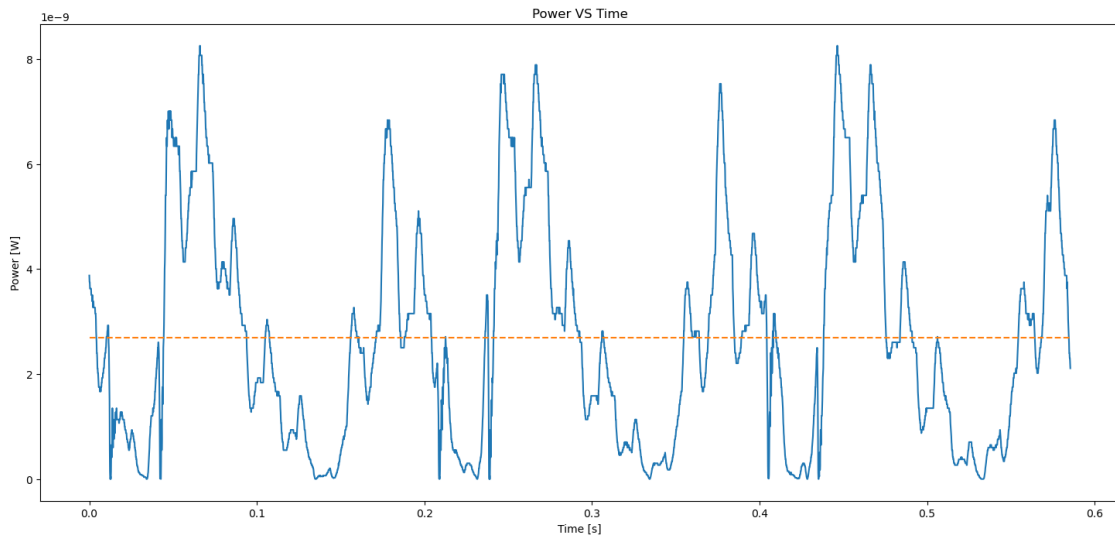
The input frequency is: 5.12 Hz





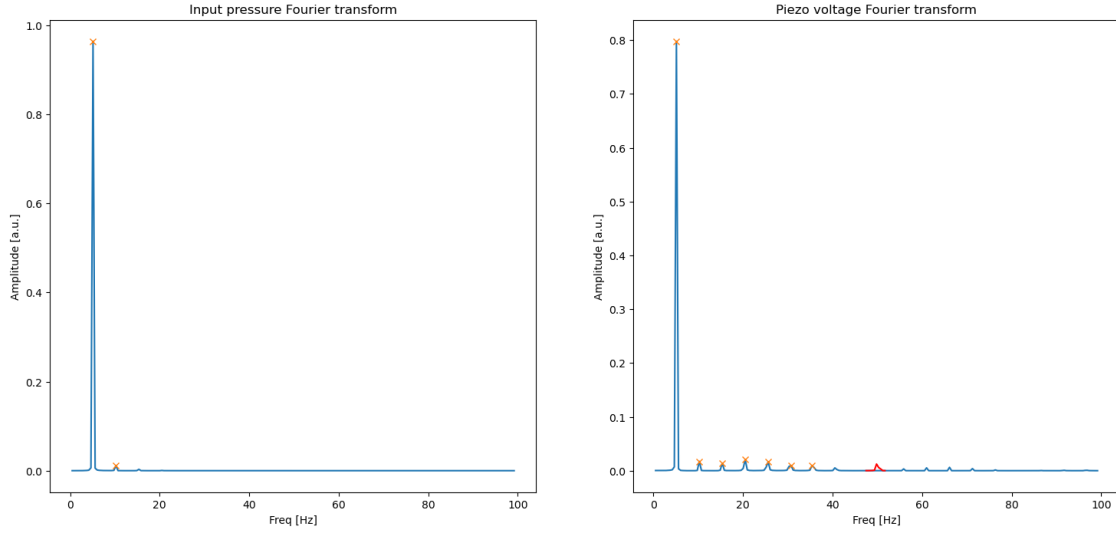
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-2.13e-02	5.34e-01	5.55e-01	2.16e-01	2.23e-01
1	Voltage [V]	-2.28e-01	2.12e-01	4.40e-01	-2.69e-02	1.14e-01

3 POWER



Mean power: 2.69e-09 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	5.12	79.78
1	10.25	1.74
2	15.37	1.39
3	20.49	2.04
4	25.61	1.63
5	30.74	0.94
6	35.39	0.92

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	5.12	96.38
1	10.25	1.14