

Measurements

March 18, 2022

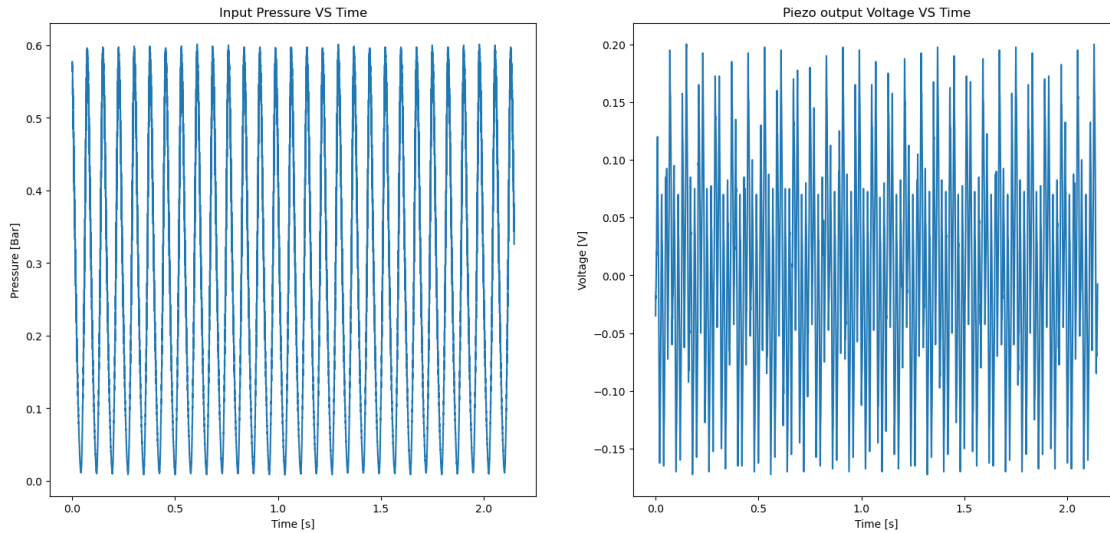
1 PARAMETERS

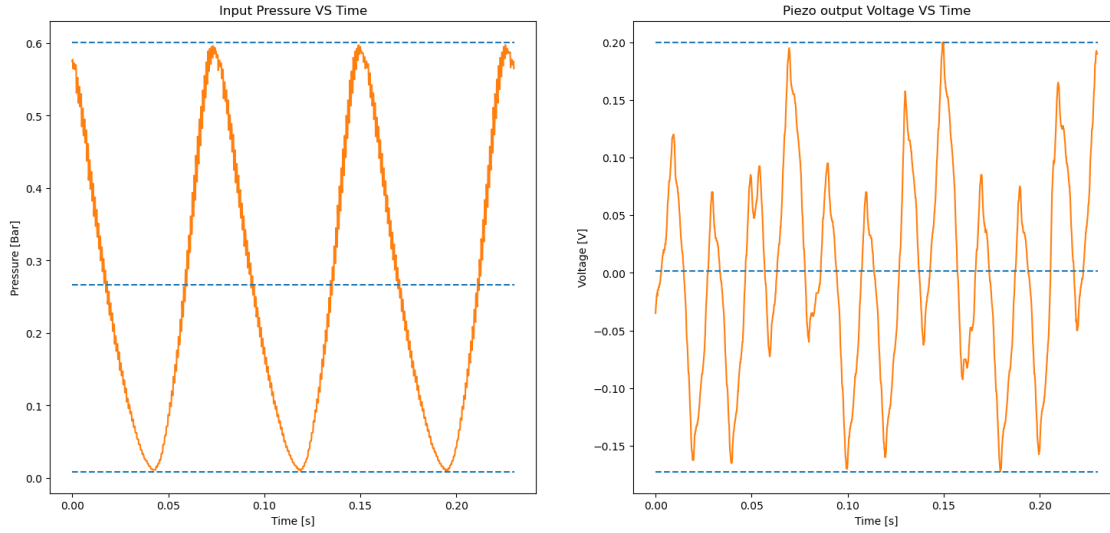
Sample name: ES.PVDF.E0.0m.100nm

	Parameter	Value	Unit
0	Sample name	ES.PVDF.E0.0m.100nm	
1	Measure duration	2.147483648	[s]
2	Rload	1000000.0	[Ohms]
3	Nb Periods	3.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

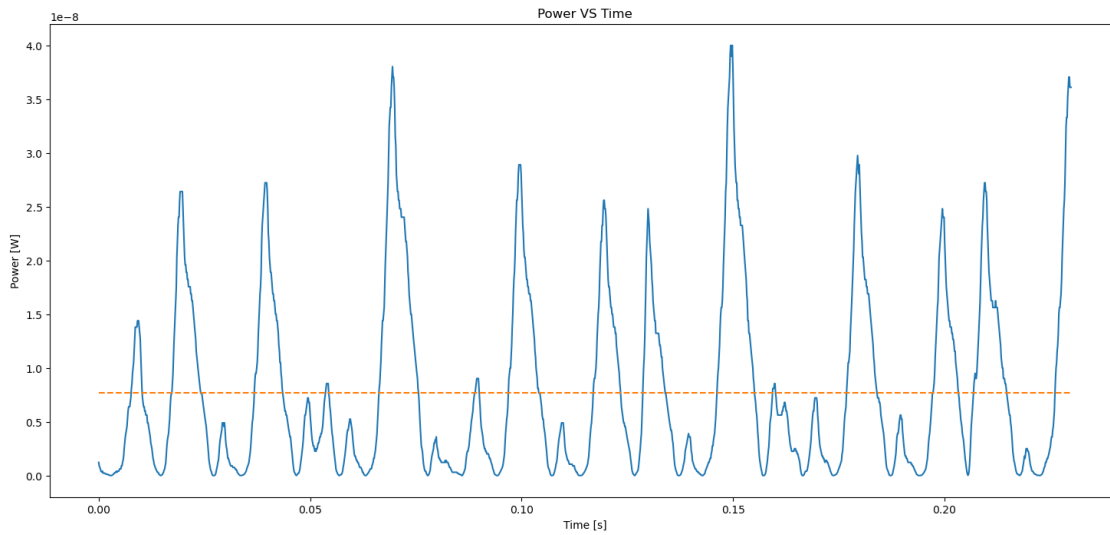
The input frequency is: 13.04 Hz





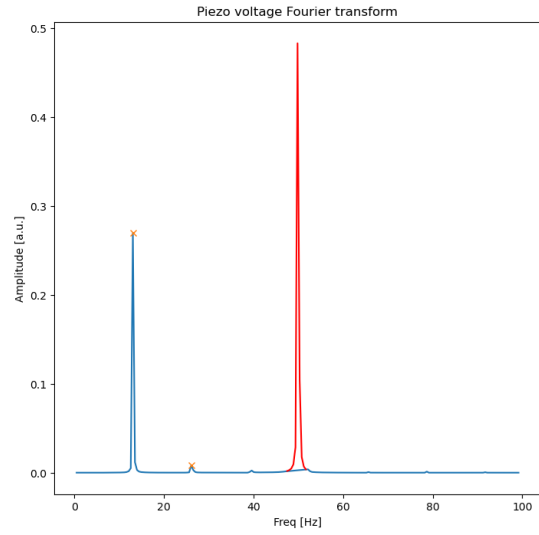
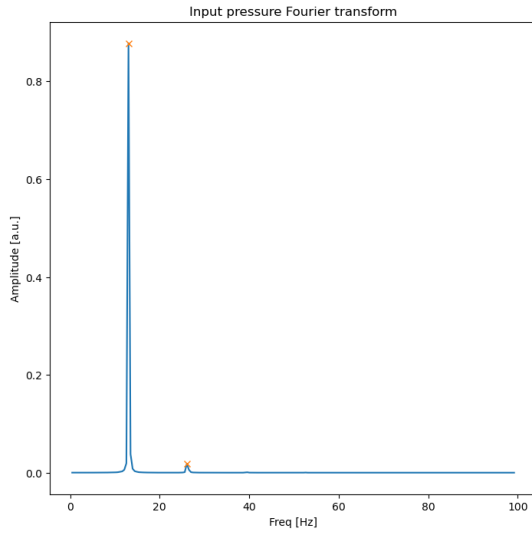
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	8.75e-03	6.01e-01	5.92e-01	2.67e-01	2.67e-01
1	Voltage [V]	-1.72e-01	2.00e-01	3.72e-01	1.48e-03	7.24e-02

3 POWER



Mean power: 7.70e-09 [W]

4 FREQUENCY ANALYSIS



4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	13.04	26.98
1	26.08	0.82

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	13.04	87.78
1	26.08	1.83