Measurements

March 16, 2022

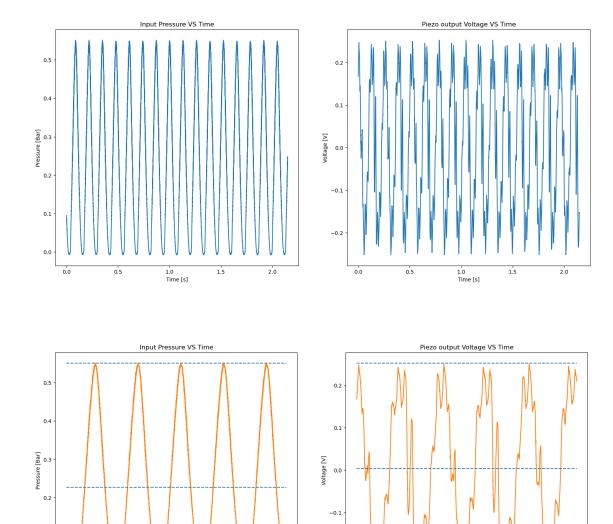
1 PARAMETERS

Sample	name:	test

	Parameter	Value	Unit
0	Sample name	test	
1	Measure duration	3.0	[s]
2	Rload	300000.0	[Ohms]
3	Nb Periods	5.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

2 PRESSURE AND VOLTAGE MEASUREMENTS

The input frequency is: 7.45 Hz



	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-7.50e-03	5.51e-01	5.59e-01	2.27e-01	2.28e-01
1	Voltage [V]	-2.53e-01	2.53e-01	5.05e-01	3.11e-03	1.39e-01

0.7

-0.2

0.0

0.1

0.2

0.3 0.4 Time [s] 0.5

0.6

0.7

0.1

0.0 -

0.0

0.1

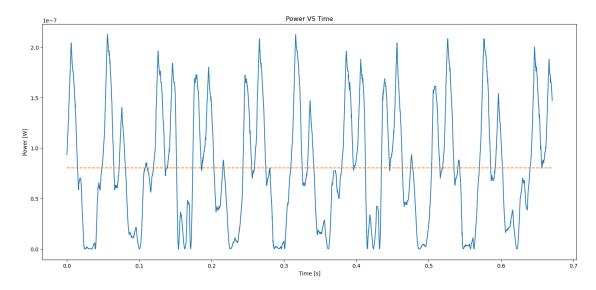
0.2

0.3 Time [s]

0.5

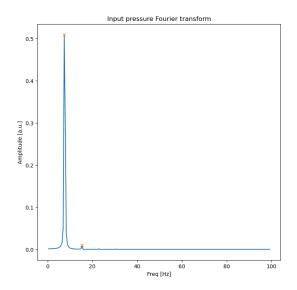
0.6

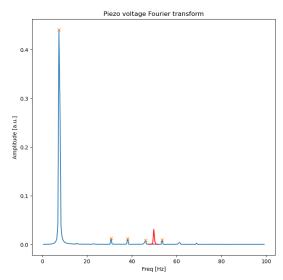
3 POWER



Mean power: 8.05e-08 [W]

4 FREQUENCY ANALYSIS





4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.45	44.07
1	30.74	1.20
2	38.19	1.19
3	46.10	0.81
4	53.55	0.95

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.45	50.95
1	15.37	0.97