Measurements

March 16, 2022

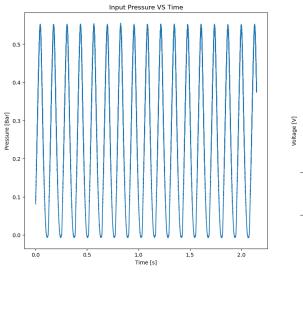
1 PARAMETERS

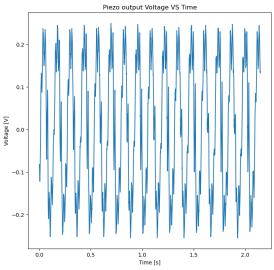
Sample	name:	test

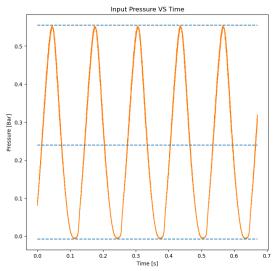
	Parameter	Value	Unit
0	Sample name	test	
1	Measure duration	3.0	[s]
2	Rload	300000.0	[Ohms]
3	Nb Periods	5.0	[1]
4	R Circuit	1.0	[Ohms]
5	Max Frequency	100.0	[Hz]

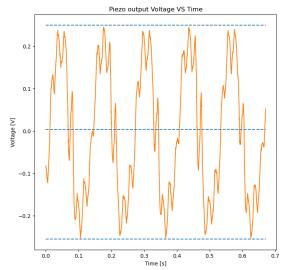
2 PRESSURE AND VOLTAGE MEASUREMENTS

The input frequency is: 7.45 Hz



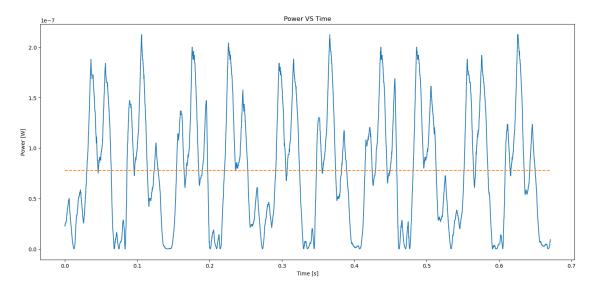






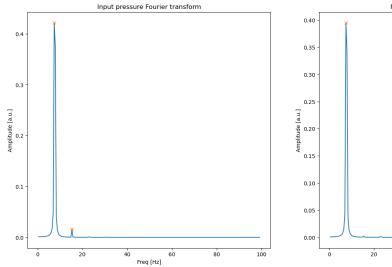
	Variable	Min	Max	Peak to peak	Mean	Mean of absolute value
0	Pressure [Bar]	-7.50e-03	5.55e-01	5.62e-01	2.40e-01	2.41e-01
1	Voltage [V]	-2.55e-01	2.50e-01	5.05 e-01	3.44e-03	1.39e-01

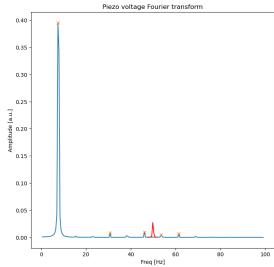
3 POWER



Mean power: 7.77e-08 [W]

4 FREQUENCY ANALYSIS





4.1 Voltage frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.45	39.53
1	30.74	0.79
2	46.10	1.00
3	53.55	0.45
4	61.47	0.67

4.2 Pressure frequency peaks

	Freq [Hz]	Amplitude percentage
0	7.45	42.18
1	15.37	1.63