



3 Phase Motor Analysis.vi

C:\Users\Public\Desktop\LabVIEW\_Applications\_2018\3 Phase Motor Analysis.exe\3 Phase Motor Analysis.vi

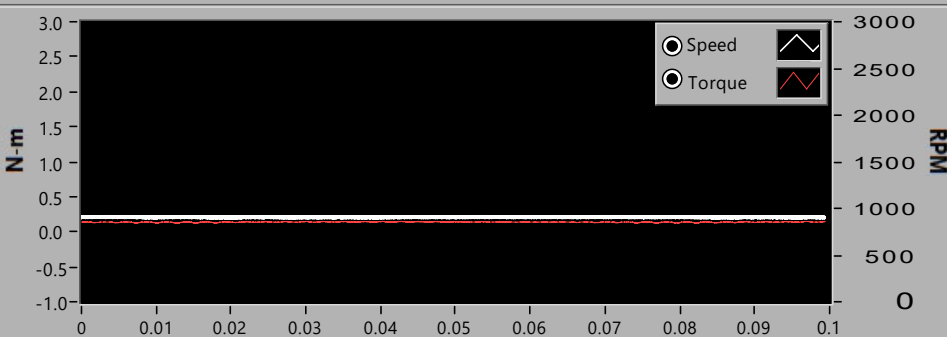
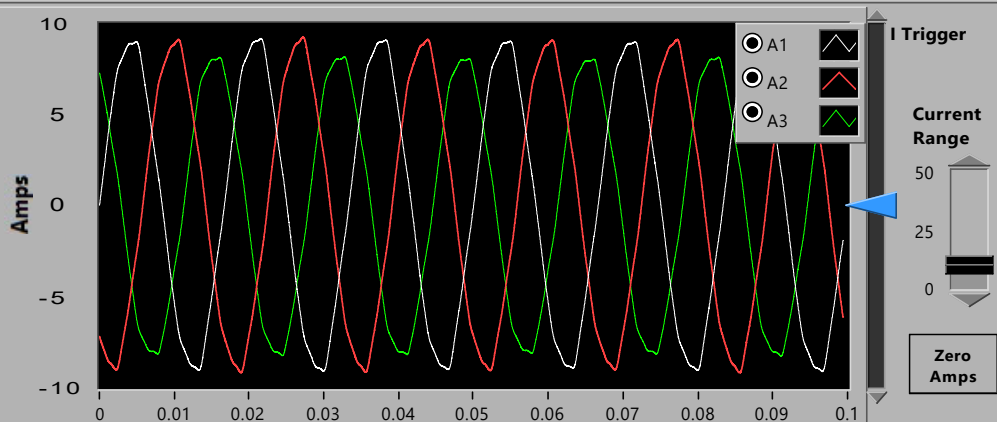
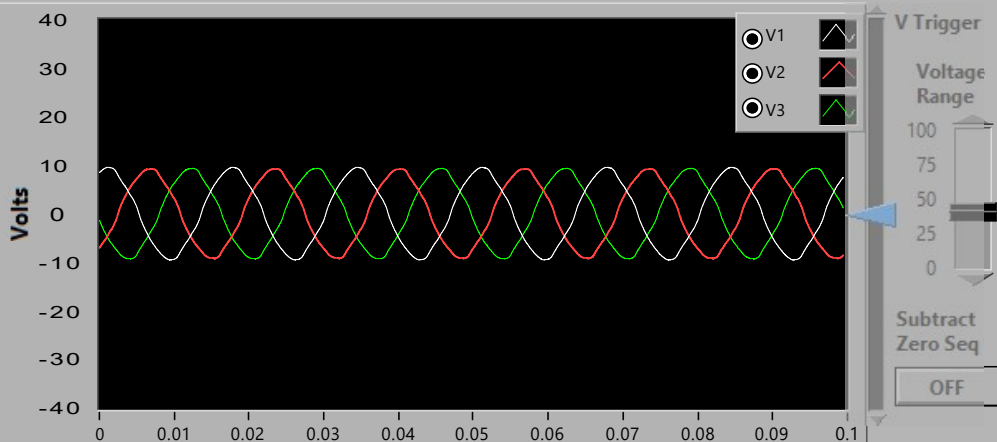
Last modified on 2022-12-02 at 6:42 PM

Printed on 2022-12-02 at 6:42 PM

## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
6.63	6.43	-67.4	16.5
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
6.48	6.34	-72.3	13.3
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
6.51	5.86	-70.8	12.9
Avg V	Avg A	Avg θ	Tot Watt
6.54	6.21	-70.2	42.7

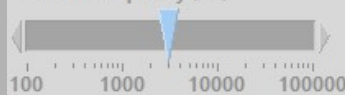
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.14

Zero Torque

RPM  
(Analog)

906

Zero RPM

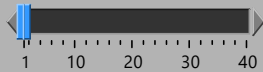
Zero current/  
torque/speed  
while motor is  
not runningRPM  
(Digital)

900

Pause

Save Data

Zoom



Position

