



3 Phase Motor Analysis.vi

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

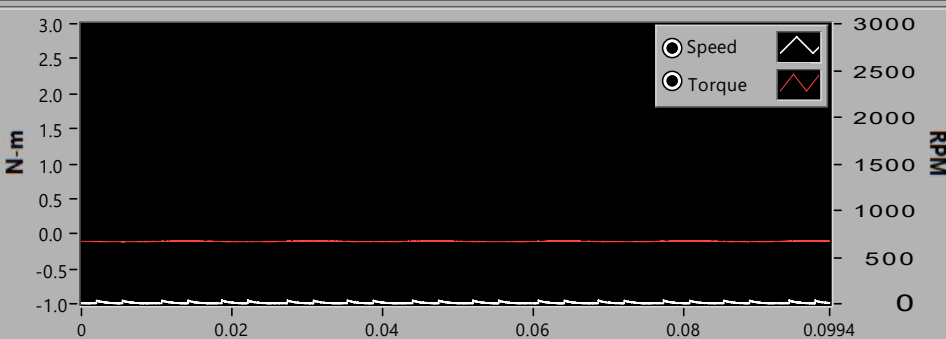
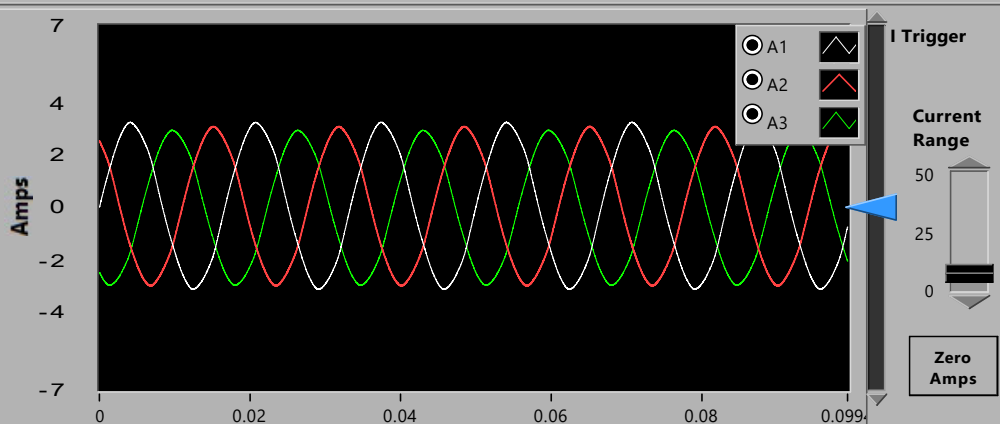
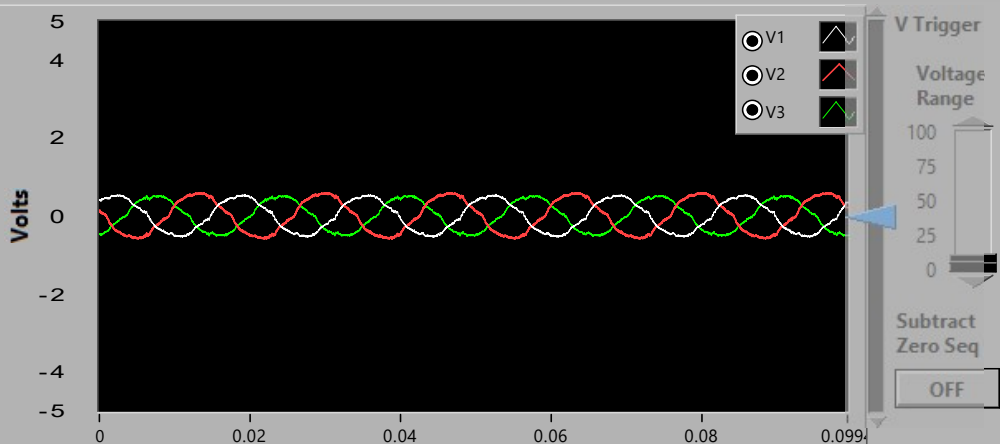
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps Volts

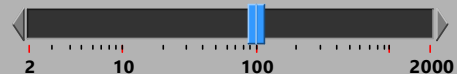
Fundamental Frequency

60.0

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
0.37	2.24	-46.4	0.6
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
0.41	2.13	-46.4	0.6
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
0.36	2.09	-52.4	0.5
Avg V	Avg A	Avg θ	Tot Watt
0.38	2.15	-48.4	1.6

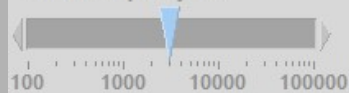
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

-0.11

Zero current/  
torque/speed  
while motor is  
not runningZero  
TorqueRPM  
(Analog)

11

RPM  
(Digital)

4

Zero  
RPM

Pause

Save  
Data

Zoom



Position

