



3 Phase Motor Analysis.vi

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

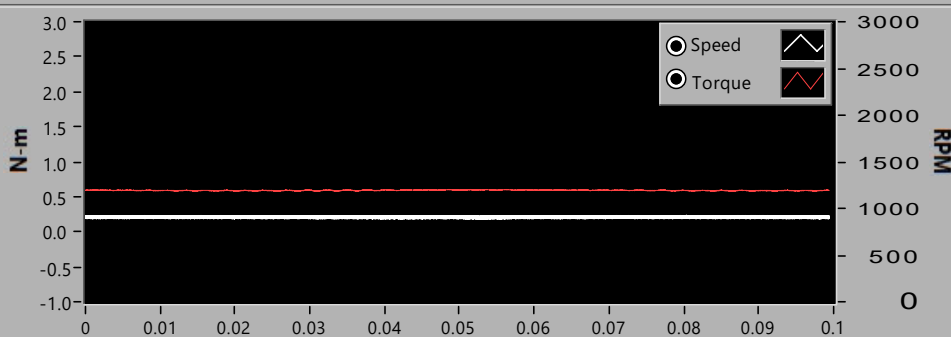
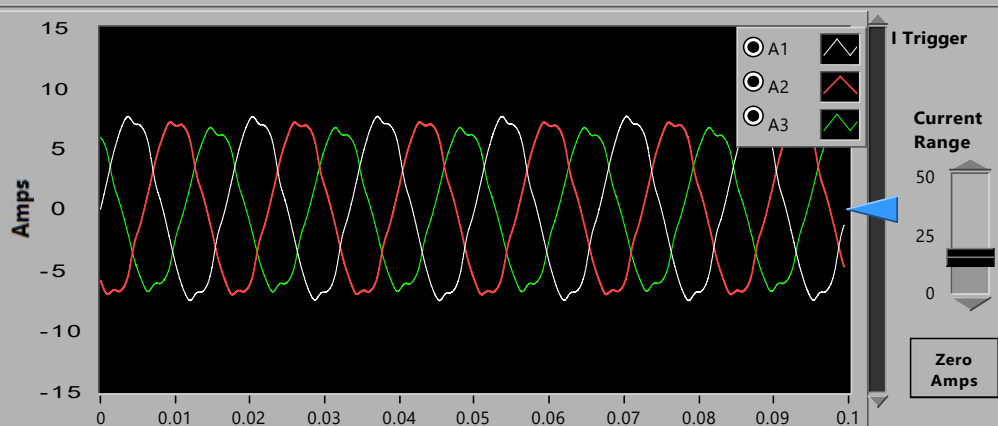
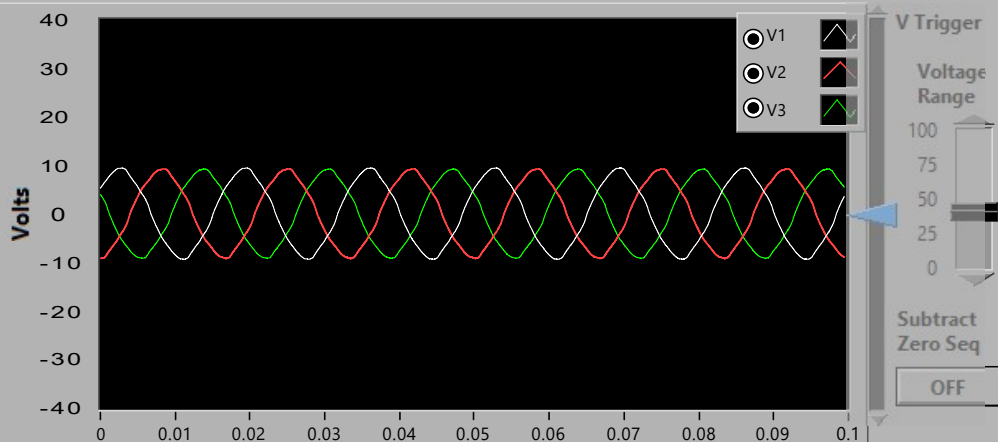
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

60.0

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
6.49	5.32	-34.5	28.9
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
6.37	5.10	-39.7	25.5
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
6.37	4.74	-36.1	24.7
Avg V	Avg A	Avg θ	Tot Watt
6.41	5.05	-36.8	79.1

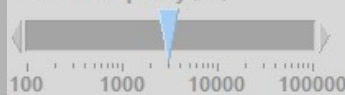
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.59

Zero Torque

RPM (Analog)

907

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

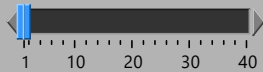
RPM (Digital)

900

Pause

Save Data

Zoom



Position

