



3 Phase Motor Analysis.vi

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

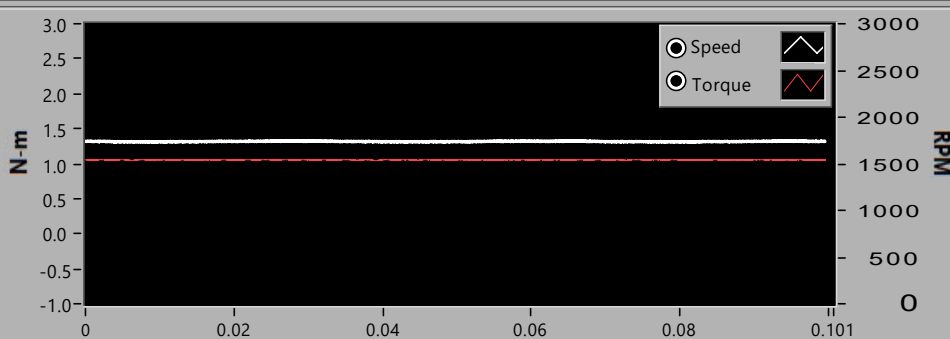
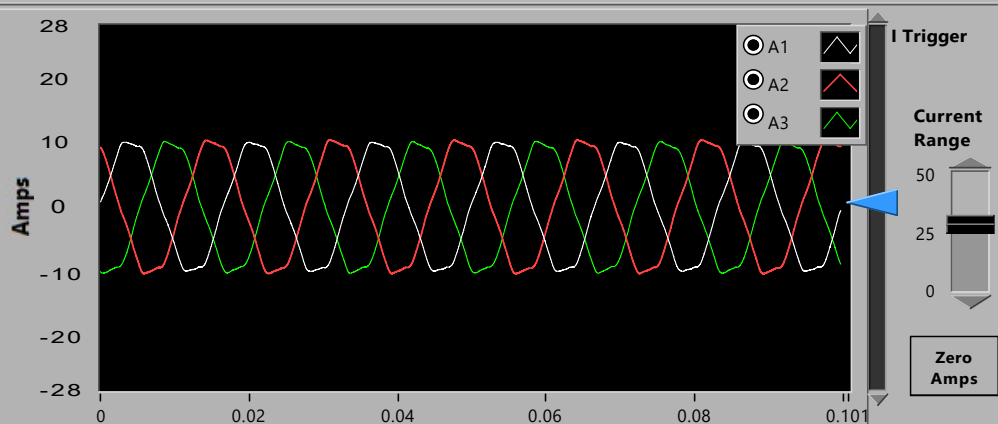
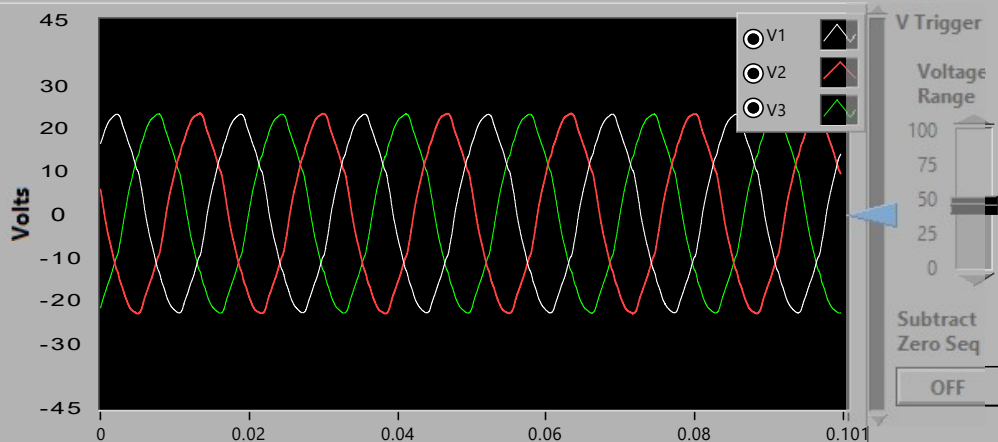
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
15.86	7.16	-46.2	77.6
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
16.00	7.33	-45.8	81.7
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
15.94	7.20	-44.9	81.2
Avg V	Avg A	Avg θ	Tot Watt
15.93	7.23	-45.6	240.5

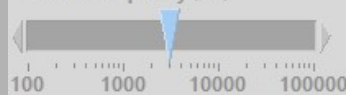
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

1.05

Zero Torque

RPM (Analog)

1739

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

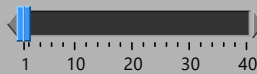
RPM (Digital)

1735

Pause

Save Data

Zoom



Position

