



3 Phase Motor Analysis.vi

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

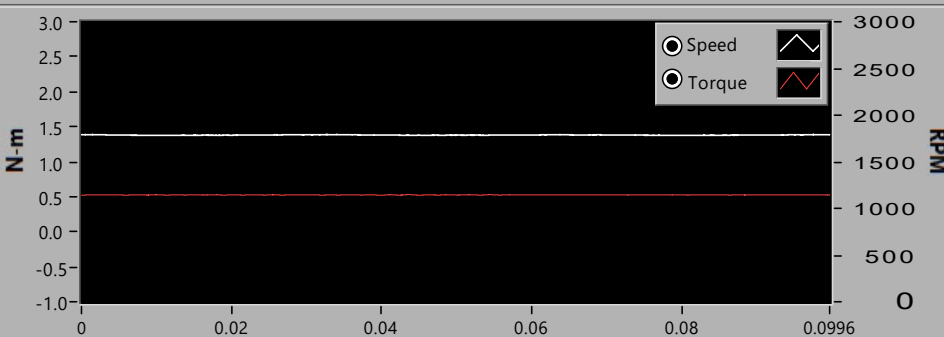
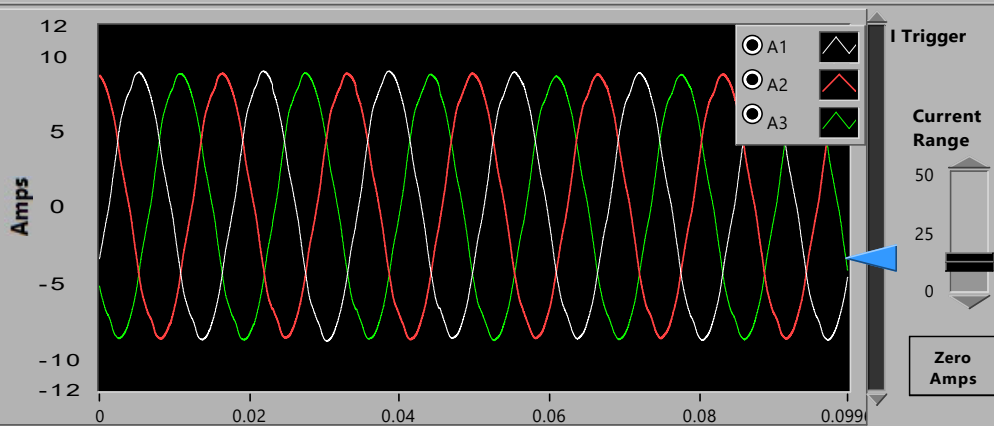
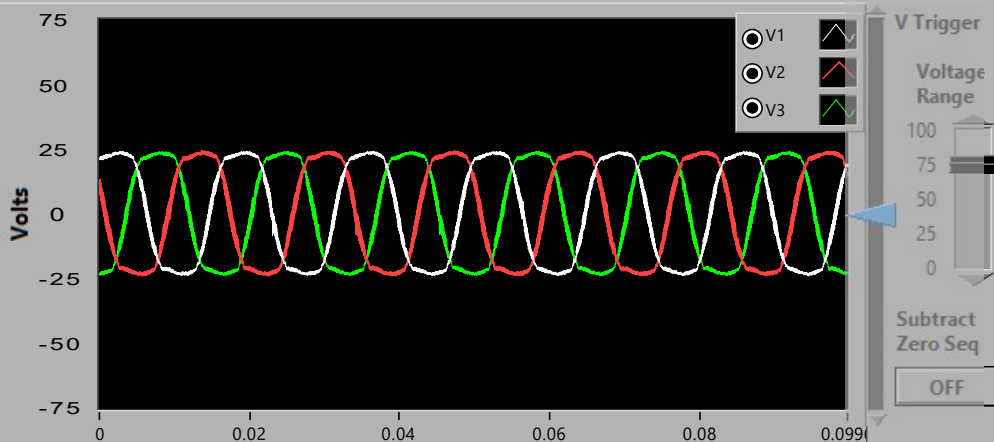
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

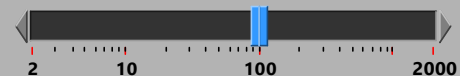
Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
19.04	6.19	-66.8	45.8
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
18.96	6.15	-65.6	46.2
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
18.95	6.19	-66.6	48.0
Avg V	Avg A	Avg θ	Tot Watt
18.98	6.18	-66.4	140.0

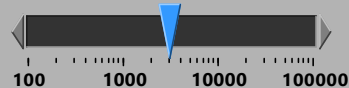
Measurement Window (mS)



Filter

ON

Cutoff Frequency (Hz)



Torque

0.52

Zero Torque

RPM  
(Analog)

1786

Zero RPM

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

1780

Pause

Save  
Data

Zoom



Position

