



## 3 Phase Motor Analysis.vi

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

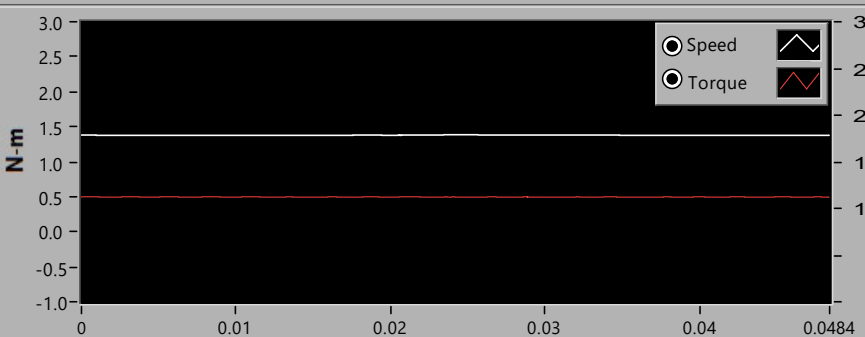
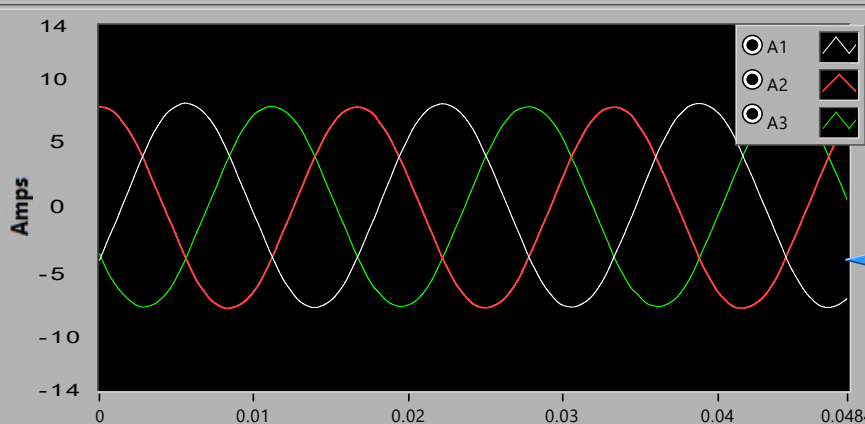
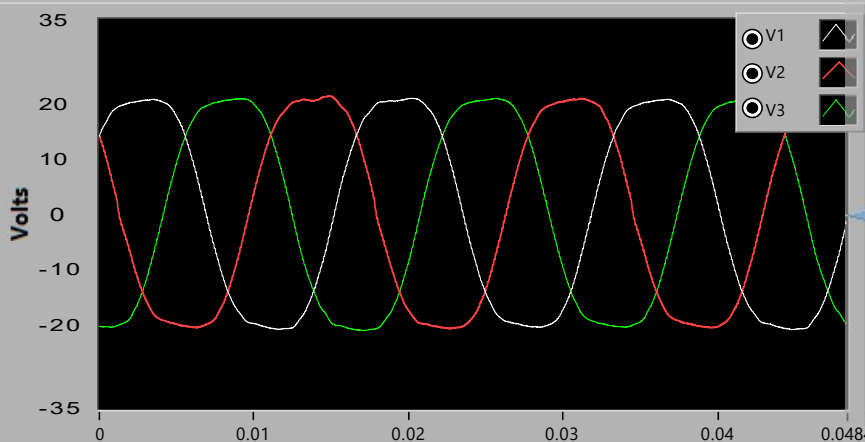
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# 3 Phase Motor Analysis

Main View

Phasor View



## Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.2 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
16.43	5.57	-61.8	43.5
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
16.48	5.50	-61.2	42.9
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
16.48	5.48	-61.6	43.5
Avg V	Avg A	Avg θ	Tot Watt
16.46	5.51	-61.5	129.9

Measurement Window (mS)



Filter

ON

Cutoff Frequency (Hz)



Torque

0.50

Zero Torque

RPM (Analog)

1784

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

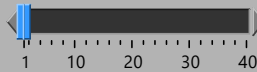
RPM (Digital)

1780

Pause

Save Data

Zoom



Position

