



## 3 Phase Motor Analysis.vi

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

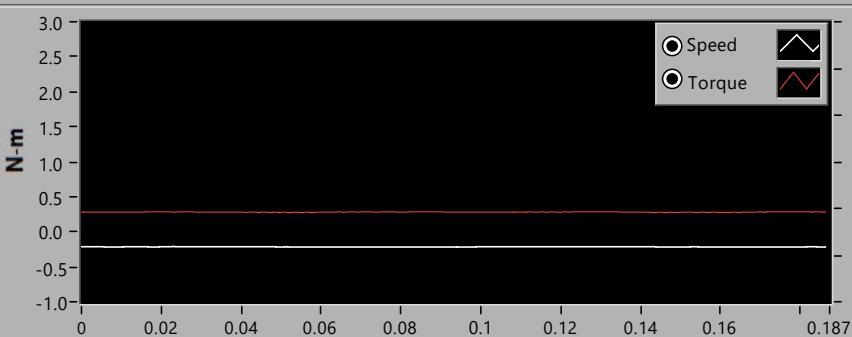
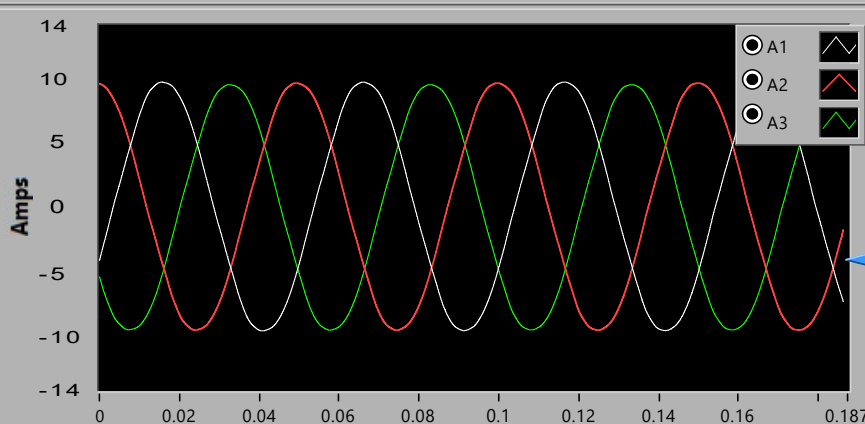
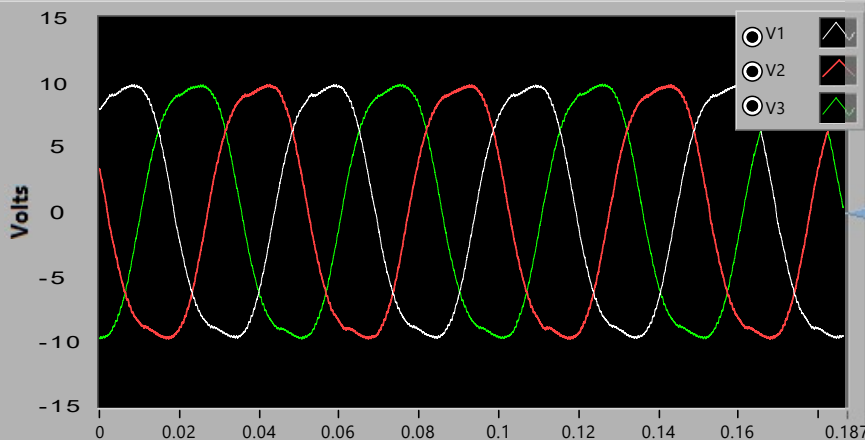
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# 3 Phase Motor Analysis

Main View

Phasor View



## Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

19.9 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
7.44	6.83	-69.4	17.8
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
7.48	6.78	-68.9	18.1
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
7.48	6.76	-69.2	17.9
Avg V	Avg A	Avg θ	Tot Watt
7.47	6.79	-69.2	53.7

Measurement Window (mS)



Filter

ON

Cutoff Frequency (Hz)



Torque

0.28

Zero Torque

RPM  
(Analog)

588

Zero RPM

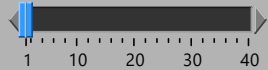
Zero current/  
torque/speed  
while motor is  
not runningRPM  
(Digital)

590

Pause

Save Data

Zoom



Position

