



3 Phase Motor Analysis.vi

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

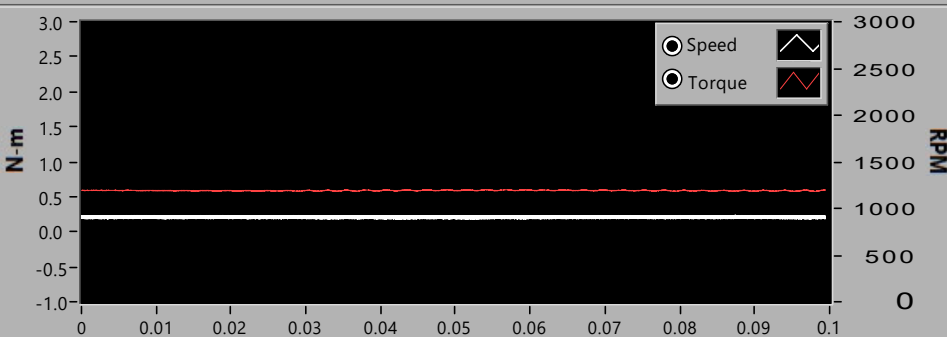
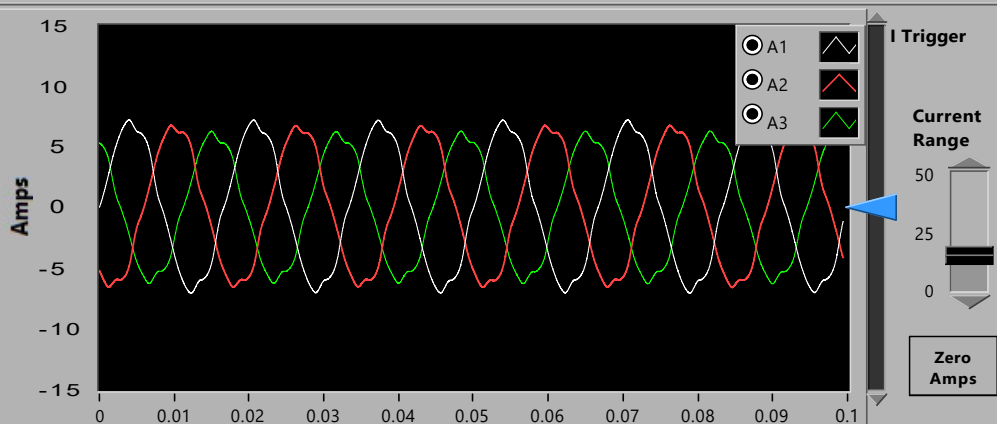
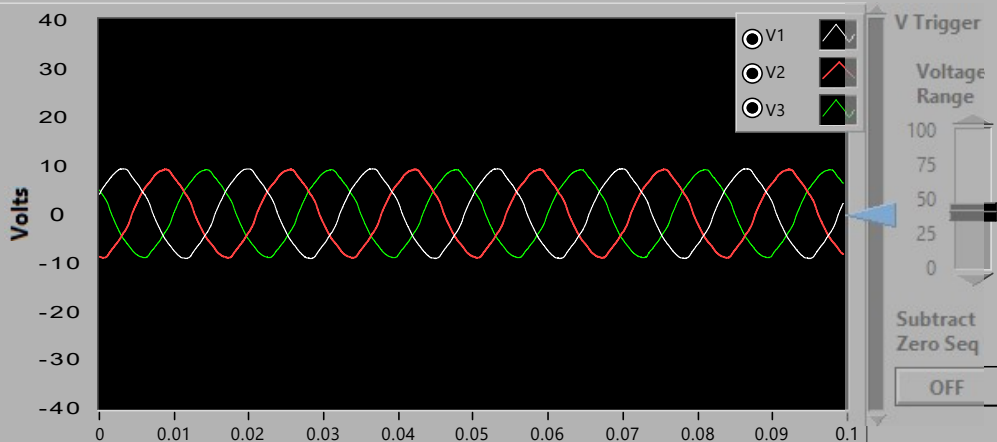
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

|        |        |          |           |
|--------|--------|----------|-----------|
| V1 RMS | A1 RMS | θ1 (deg) | Ch1 Watts |
| 6.37   | 4.92   | -26.7    | 28.3      |
| V2 RMS | A2 RMS | θ2 (deg) | Ch2 Watts |
| 6.27   | 4.69   | -32.7    | 25.0      |
| V3 RMS | A3 RMS | θ3 (deg) | Ch3 Watts |
| 6.26   | 4.31   | -28.2    | 23.9      |
| Avg V  | Avg A  | Avg θ    | Tot Watt  |
| 6.30   | 4.64   | -29.2    | 77.3      |

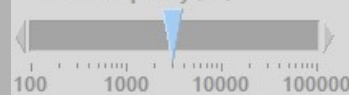
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.59

Zero Torque

RPM (Analog)

907

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

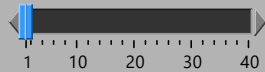
RPM (Digital)

900

Pause

Save Data

Zoom



Position

