



3 Phase Motor Analysis.vi

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

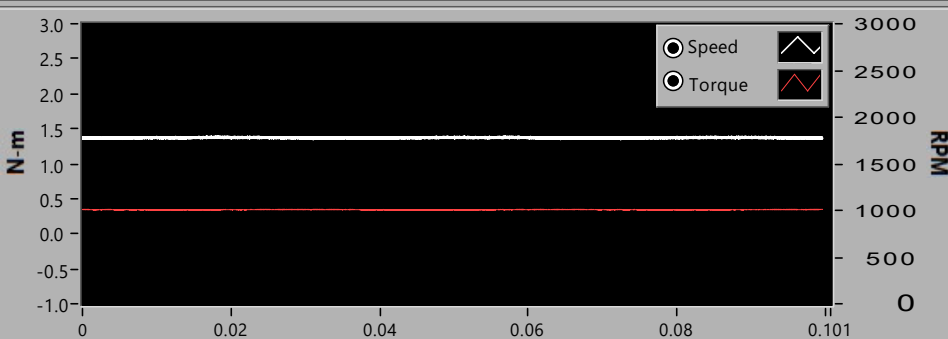
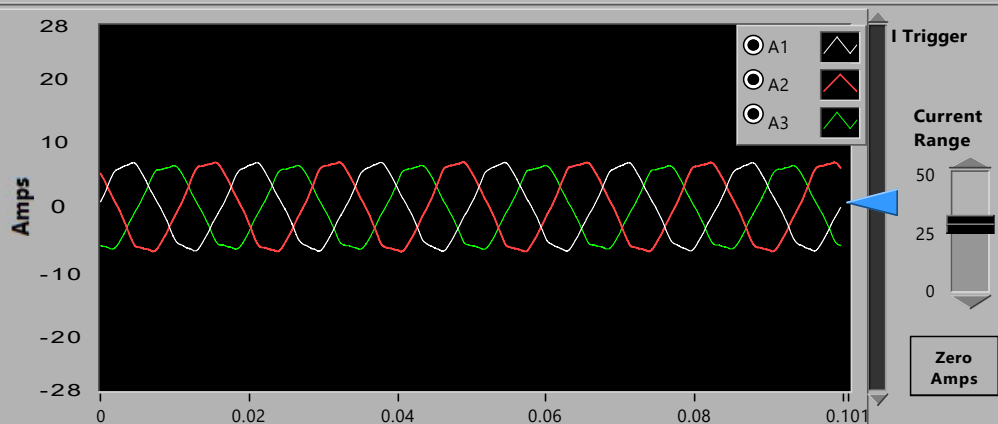
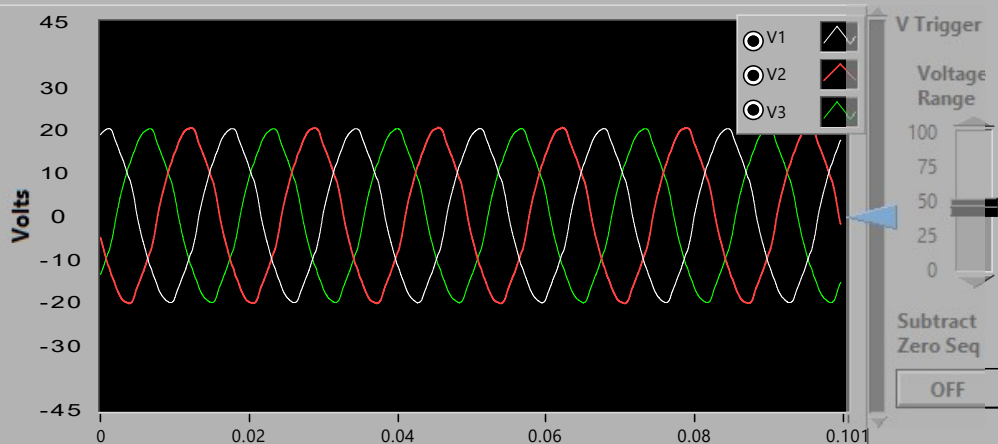
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

| V1 RMS | A1 RMS | θ1 (deg) | Ch1 Watts |
|--------|--------|----------|-----------|
| 13.94  | 4.72   | -64.1    | 28.1      |
| V2 RMS | A2 RMS | θ2 (deg) | Ch2 Watts |
| 14.10  | 4.91   | -61.5    | 33.1      |
| V3 RMS | A3 RMS | θ3 (deg) | Ch3 Watts |
| 13.93  | 4.59   | -61.0    | 31.3      |
| Avg V  | Avg A  | Avg θ    | Tot Watt  |
| 13.99  | 4.74   | -62.2    | 92.4      |

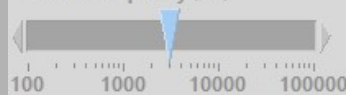
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.34

Zero Torque

RPM (Analog)

1778

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

RPM (Digital)

1774

Pause

Save Data

Zoom



Position

