



3 Phase Motor Analysis.vi

C:\Users\Public\Desktop\LabVIEW_Applications_2018\3 Phase Motor Analysis.exe\3 Phase Motor Analysis.vi

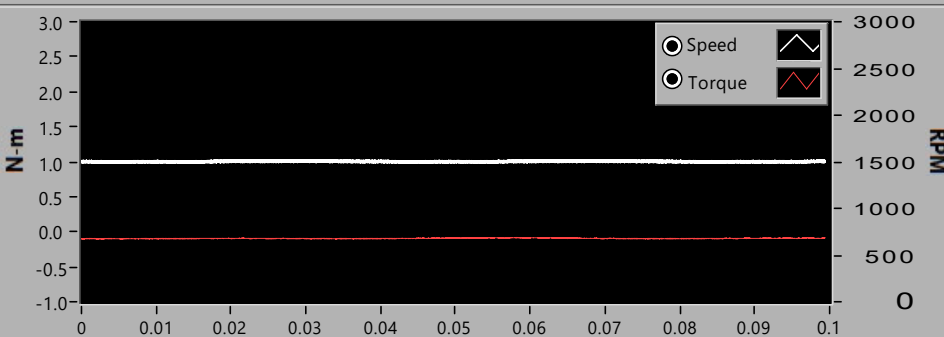
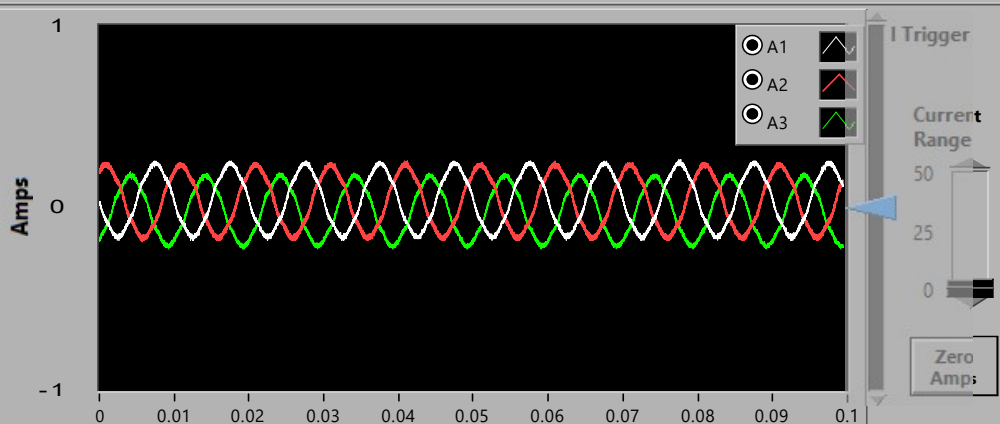
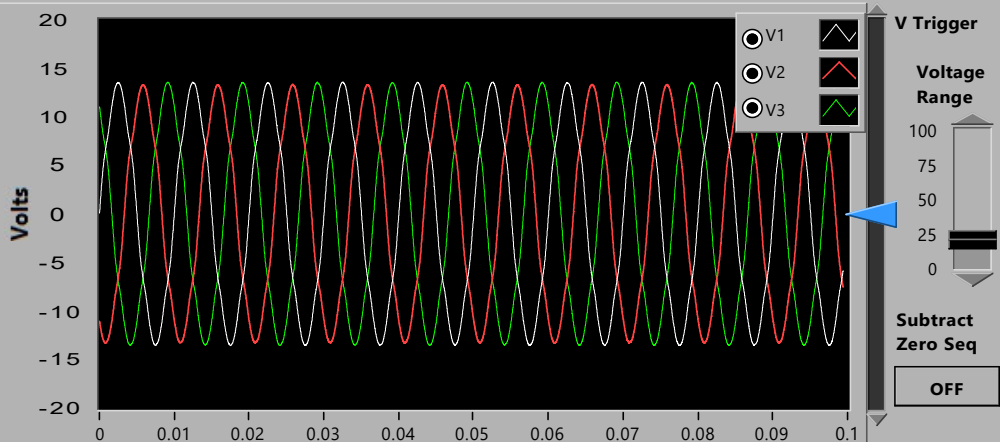
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps ☐ Volts ☒

Fundamental Frequency

99.9 Hz

| | | | |
|--------|--------|----------|-----------|
| V1 RMS | A1 RMS | θ1 (deg) | Ch1 Watts |
| 9.33 | 0.15 | -178.5 | -1.3 |
| V2 RMS | A2 RMS | θ2 (deg) | Ch2 Watts |
| 9.19 | 0.14 | 178.5 | -1.3 |
| V3 RMS | A3 RMS | θ3 (deg) | Ch3 Watts |
| 9.34 | 0.14 | 179.0 | -1.2 |
| Avg V | Avg A | Avg θ | Tot Watt |
| 9.28 | 0.14 | 59.7 | -3.8 |

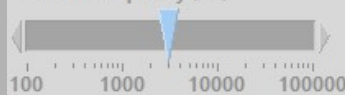
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

-0.10

Zero Torque

RPM (Analog)

1503

Zero RPM

Zero current/
torque/speed
while motor is
not running

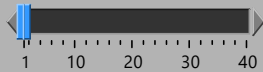
RPM (Digital)

1499

Pause

Save Data

Zoom



Position

