



3 Phase Motor Analysis.vi

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

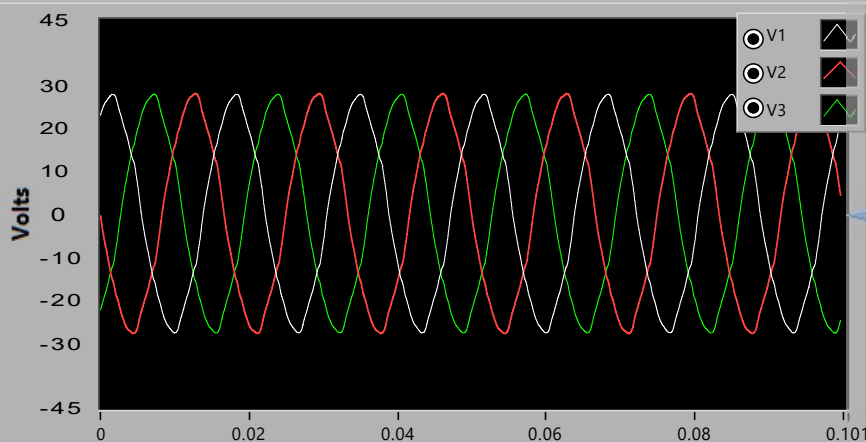
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3 Phase Motor Analysis

Main View

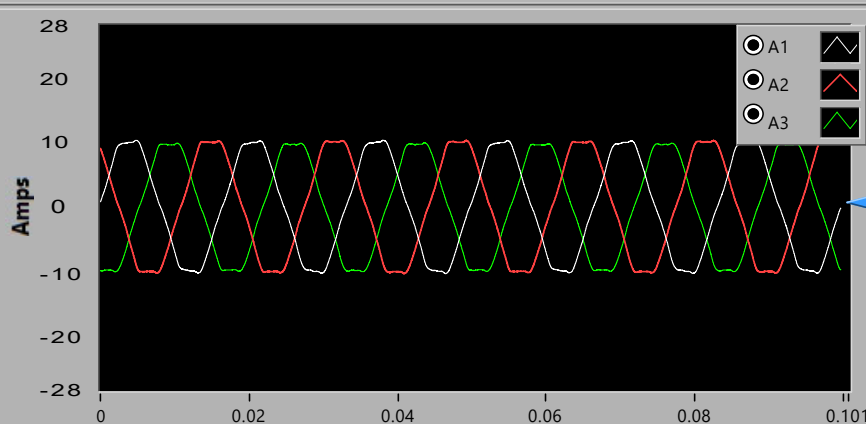
Phasor View



V Trigger

Voltage
RangeSubtract
Zero Seq

OFF



I Trigger

Current
RangeZero
Amps

Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

| V1 RMS | A1 RMS | θ1 (deg) | Ch1 Watts |
|--------|--------|----------|-----------|
| 19.01 | 7.35 | -54.3 | 80.2 |
| V2 RMS | A2 RMS | θ2 (deg) | Ch2 Watts |
| 19.14 | 7.51 | -53.2 | 85.9 |
| V3 RMS | A3 RMS | θ3 (deg) | Ch3 Watts |
| 19.04 | 7.28 | -52.7 | 83.7 |
| Avg V | Avg A | Avg θ | Tot Watt |
| 19.06 | 7.38 | -53.4 | 249.8 |

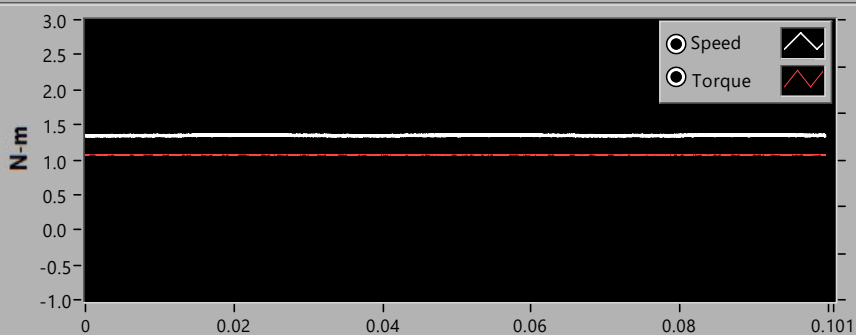
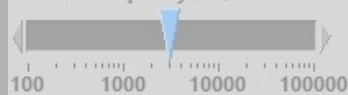
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

1.07

Zero
TorqueRPM
(Analog)

1761

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

1758

Pause

Save
Data

Zoom



Position

