



3 Phase Motor Analysis.vi

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

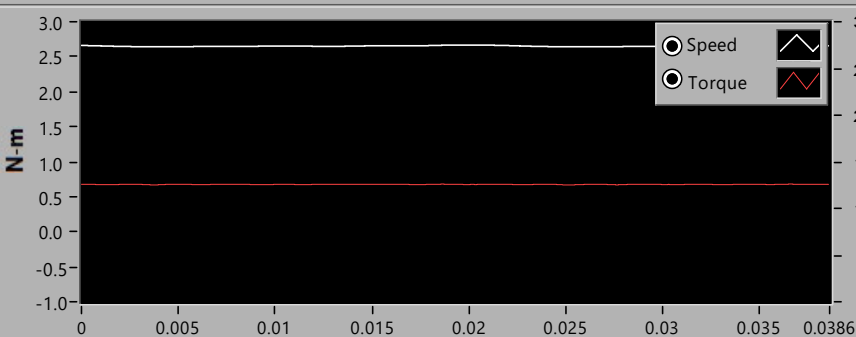
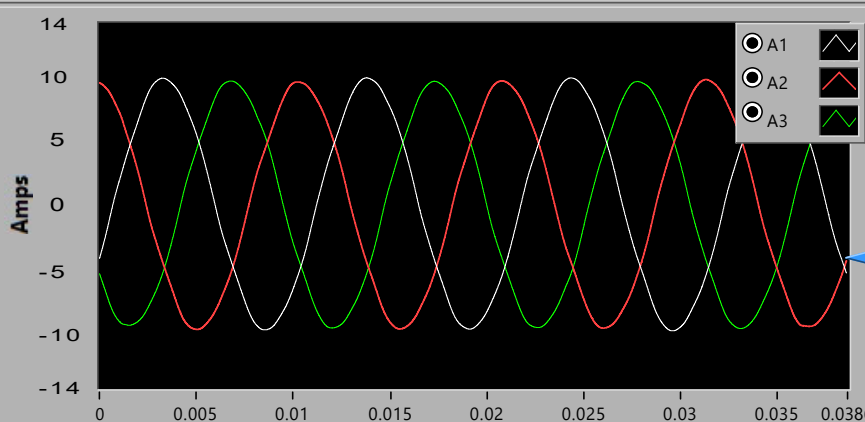
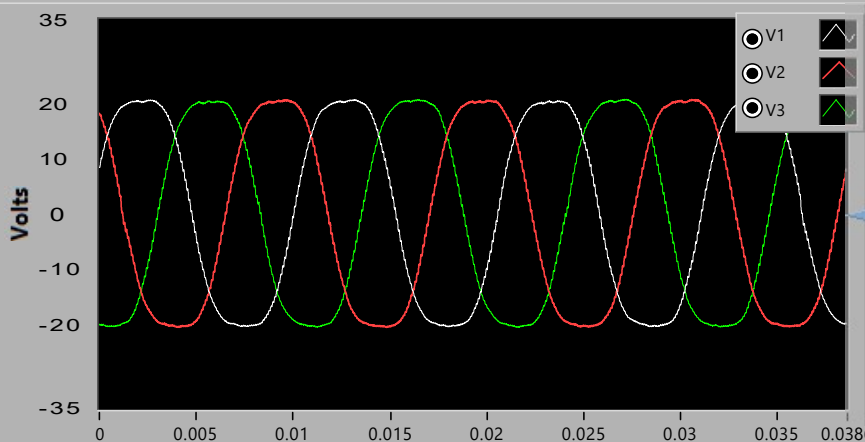
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

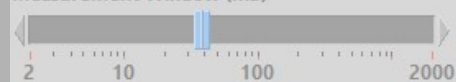
Amps Volts

Fundamental Frequency

95.0 Hz

| V1 RMS | A1 RMS | θ1 (deg) | Ch1 Watts |
|--------|--------|----------|-----------|
| 16.22 | 6.81 | -41.1 | 83.0 |
| V2 RMS | A2 RMS | θ2 (deg) | Ch2 Watts |
| 16.18 | 6.71 | -40.7 | 82.7 |
| V3 RMS | A3 RMS | θ3 (deg) | Ch3 Watts |
| 16.16 | 6.72 | -41.6 | 82.0 |
| Avg V | Avg A | Avg θ | Tot Watt |
| 16.19 | 6.75 | -41.1 | 247.7 |

Measurement Window (mS)



Filter

ON

Cutoff Frequency (Hz)



Torque

0.68

Zero Torque

RPM (Analog)

2738

Zero RPM

Zero current/
torque/speed
while motor is
not running

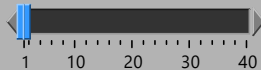
RPM (Digital)

2735

Pause

Save Data

Zoom



Position

