



3 Phase Motor Analysis.vi

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

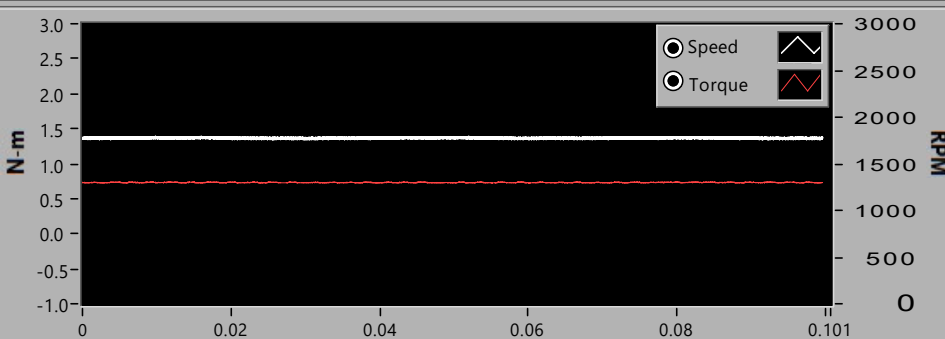
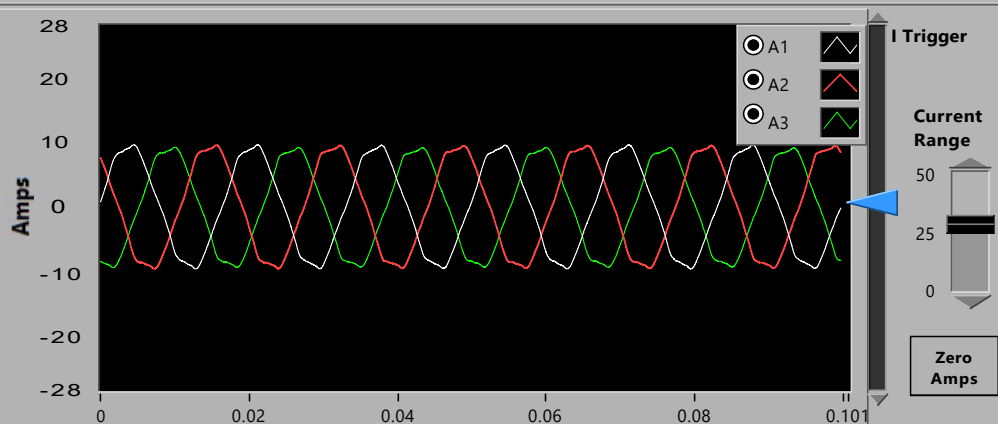
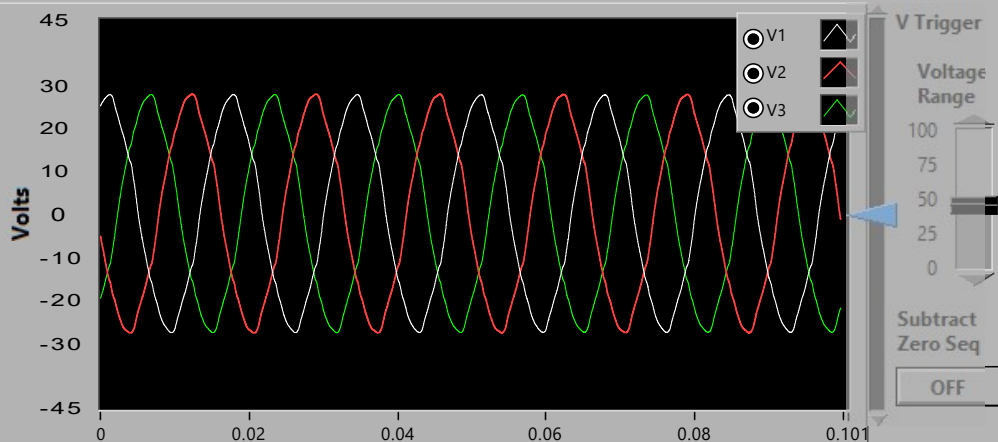
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

60.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
18.98	6.62	-61.0	57.9
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
19.09	6.73	-60.0	62.6
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
19.00	6.55	-59.6	61.6
Avg V	Avg A	Avg θ	Tot Watt
19.02	6.63	-60.2	182.1

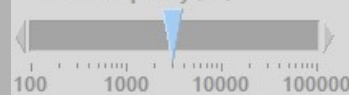
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.73

Zero Torque

RPM (Analog)

1775

Zero RPM

Zero current/
torque/speed
while motor is
not running

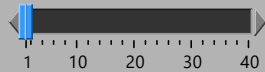
RPM (Digital)

1772

Pause

Save Data

Zoom



Position

