



3 Phase Motor Analysis.vi

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

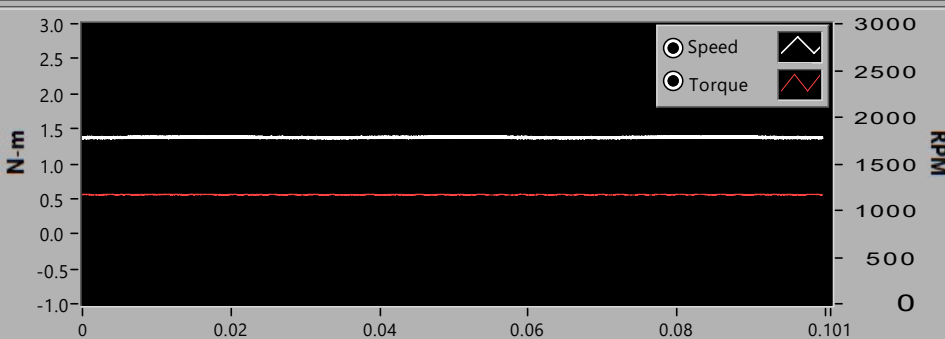
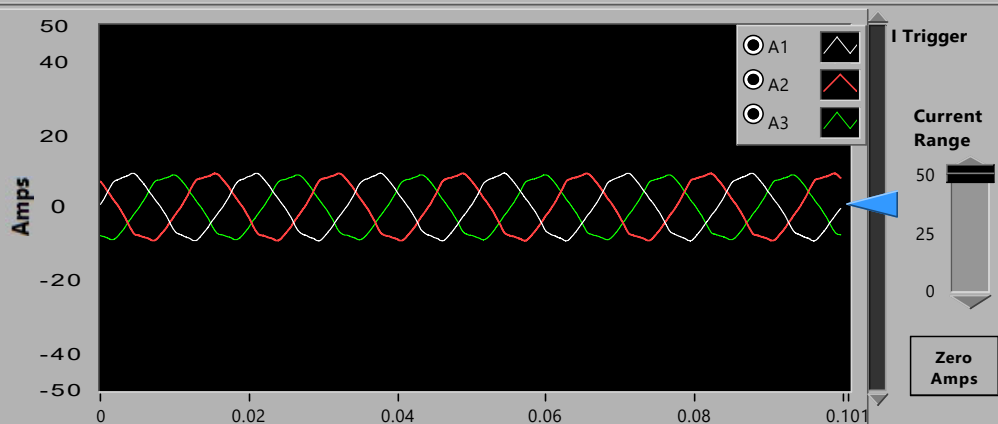
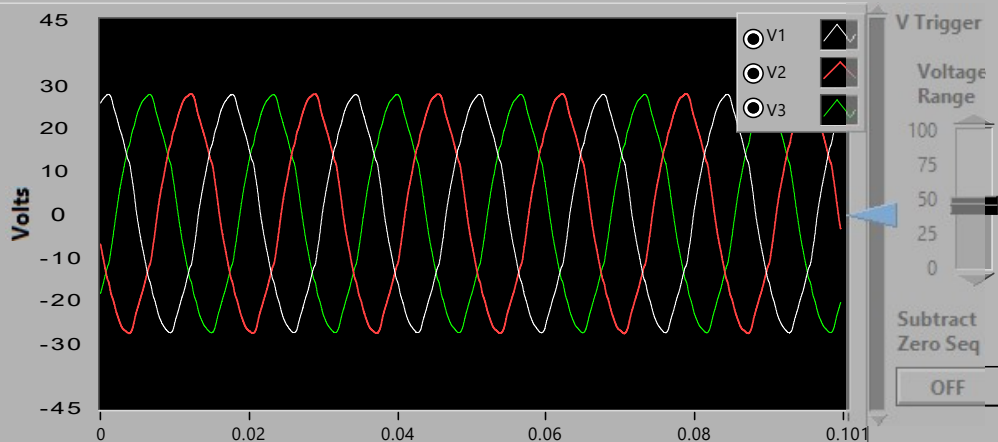
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

60.0

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
18.97	6.33	-66.6	46.8
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
19.08	6.44	-65.0	51.9
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
18.98	6.21	-64.9	50.3
Avg V	Avg A	Avg θ	Tot Watt
19.01	6.33	-65.5	149.0

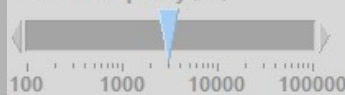
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.56

Zero Torque

RPM (Analog)

1782

Zero RPM

Zero current/
torque/speed
while motor is
not running

RPM (Digital)

1779

Pause

Save Data

Zoom



Position

