



3 Phase Motor Analysis.vi

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

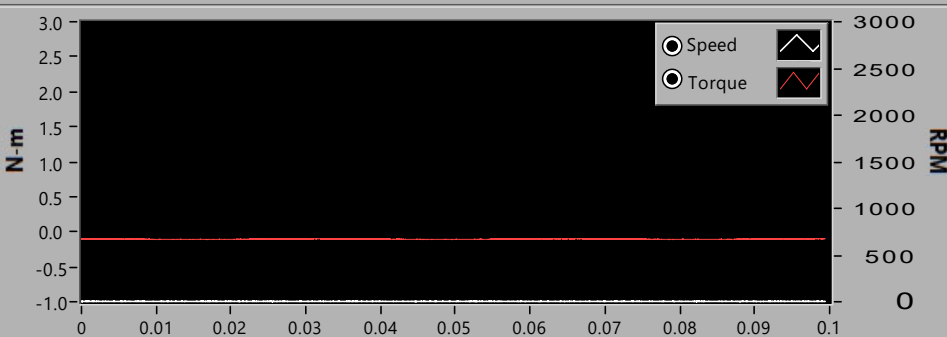
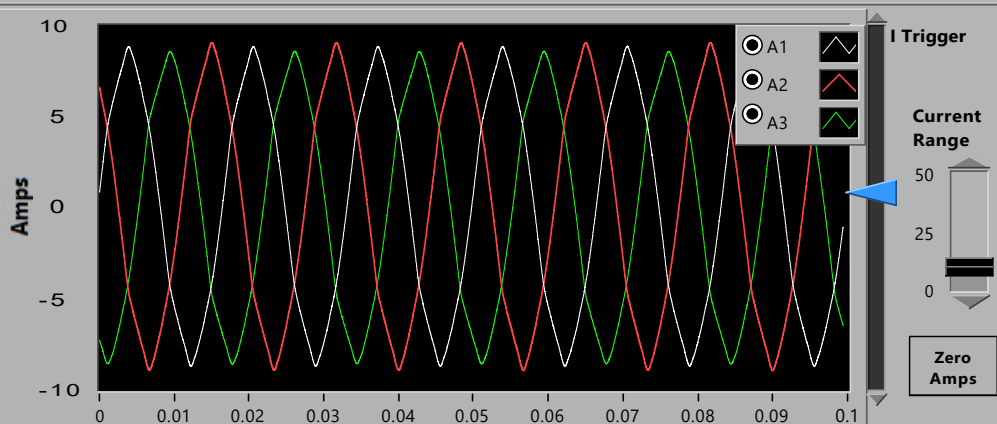
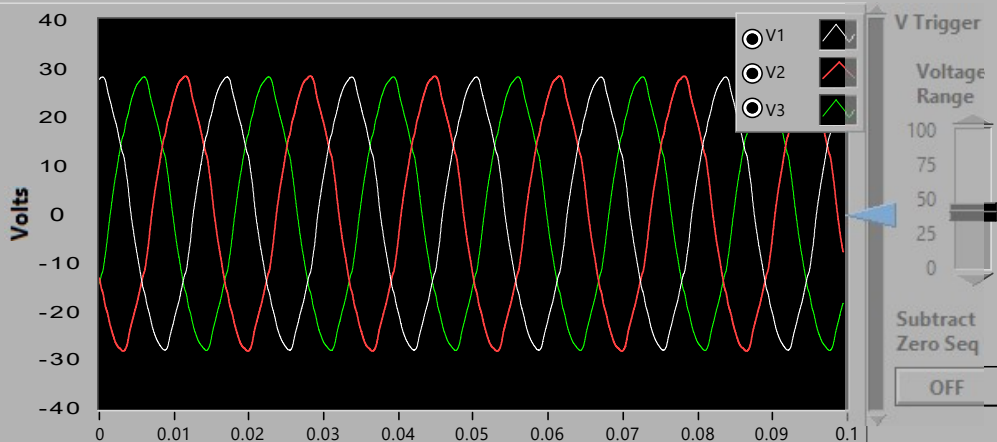
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

60.0

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
19.31	5.89	-82.0	14.6
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
19.48	5.99	-80.8	18.5
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
19.38	5.82	-80.6	18.4
Avg V	Avg A	Avg θ	Tot Watt
19.39	5.90	-81.2	51.5

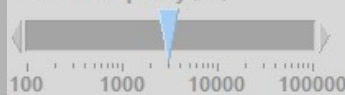
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

-0.11

Zero Torque

RPM (Analog)

4

Zero RPM

Zero current/
torque/speed
while motor is
not running

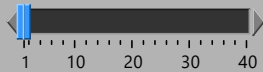
RPM (Digital)

0

Pause

Save Data

Zoom



Position

