



3 Phase Motor Analysis.vi

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

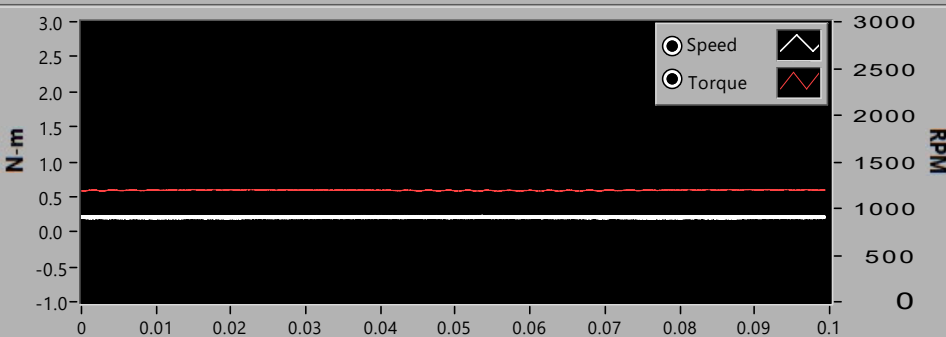
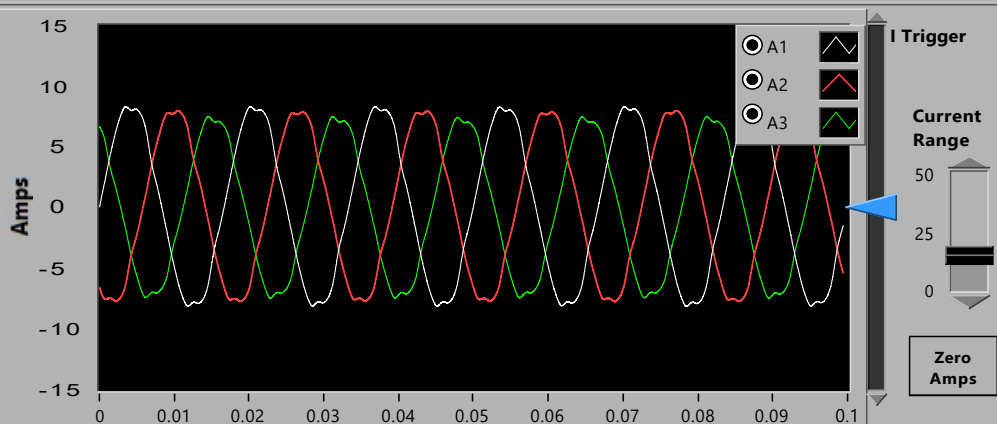
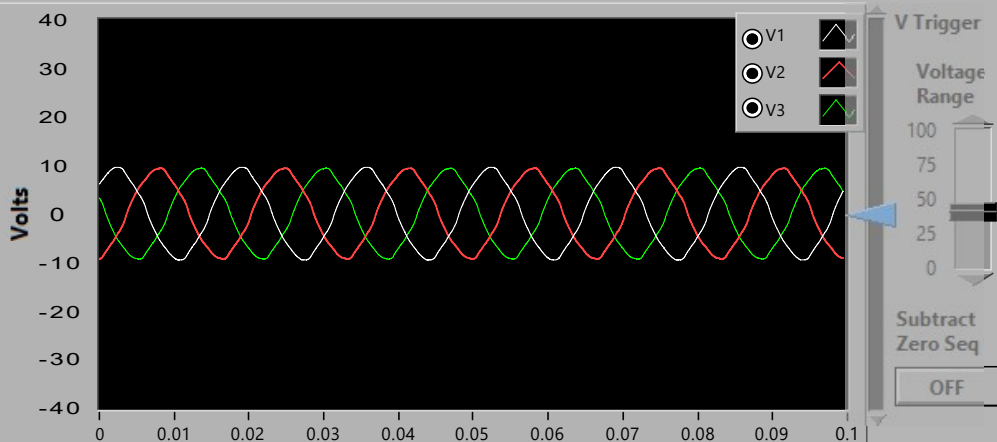
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

60.0

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
6.62	5.92	-40.3	29.5
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
6.48	5.67	-44.9	25.8
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
6.49	5.32	-41.8	25.5
Avg V	Avg A	Avg θ	Tot Watt
6.53	5.64	-42.3	80.8

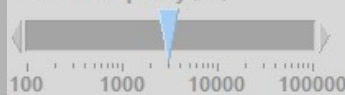
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.59

Zero Torque

RPM (Analog)

906

Zero RPM

Zero current/
torque/speed
while motor is
not running

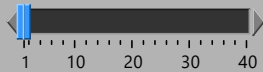
RPM (Digital)

900

Pause

Save Data

Zoom



Position

