



3 Phase Motor Analysis.vi

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

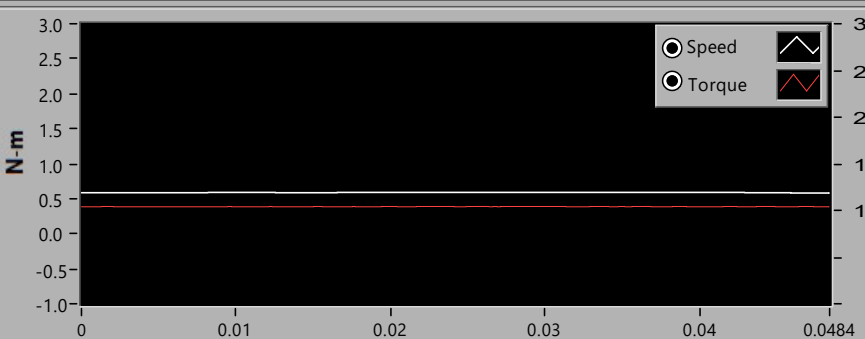
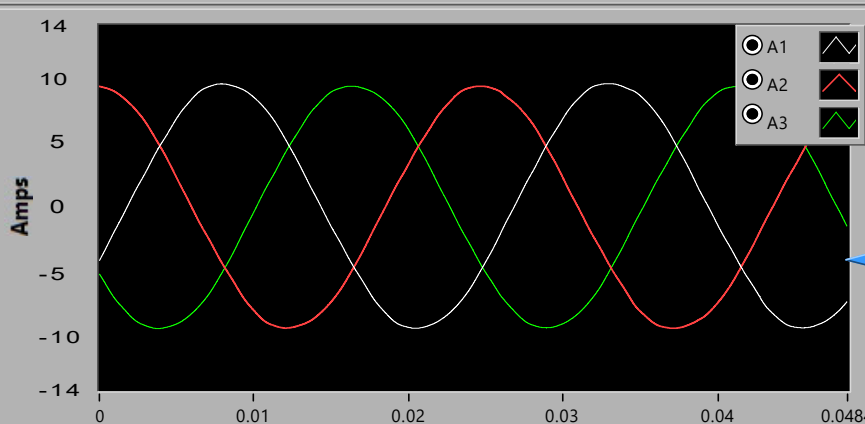
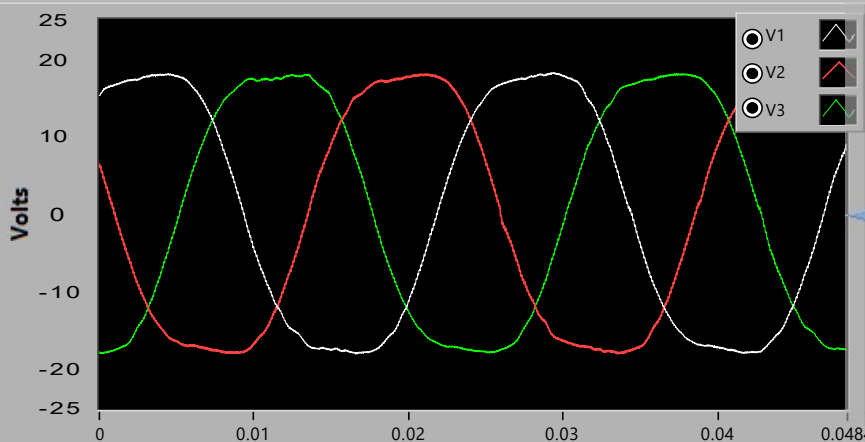
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3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

40.0

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
14.08	6.70	-69.9	30.6
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
14.07	6.61	-72.0	29.9
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
14.08	6.62	-71.3	30.3
Avg V	Avg A	Avg θ	Tot Watt
14.07	6.64	-71.1	90.7

Measurement Window (mS)



Filter

ON

Cutoff Frequency (Hz)



Torque

0.39

Zero Torque

RPM
(Analog)

1191

Zero RPM

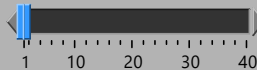
Zero current/
torque/speed
while motor is
not runningRPM
(Digital)

1188

Pause

Save Data

Zoom



Position

