



3 Phase Motor Analysis.vi

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

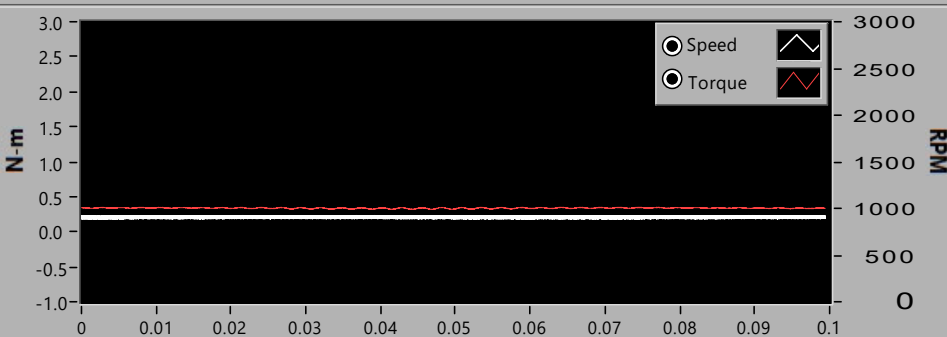
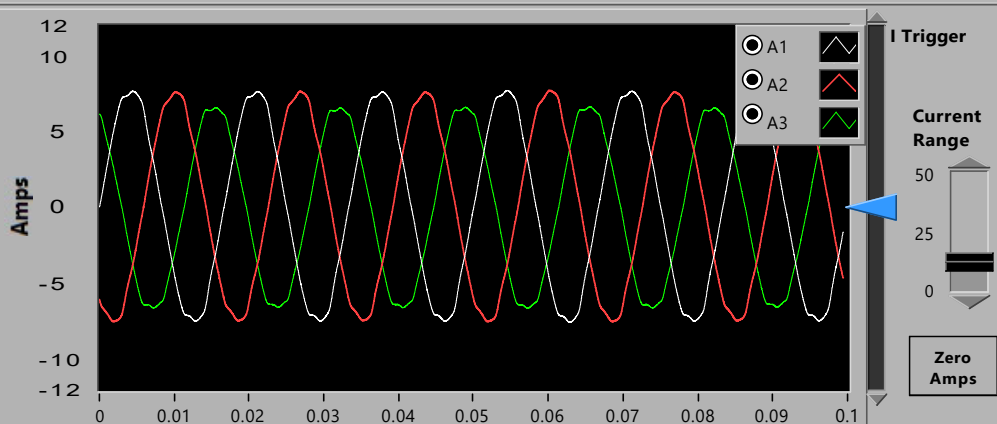
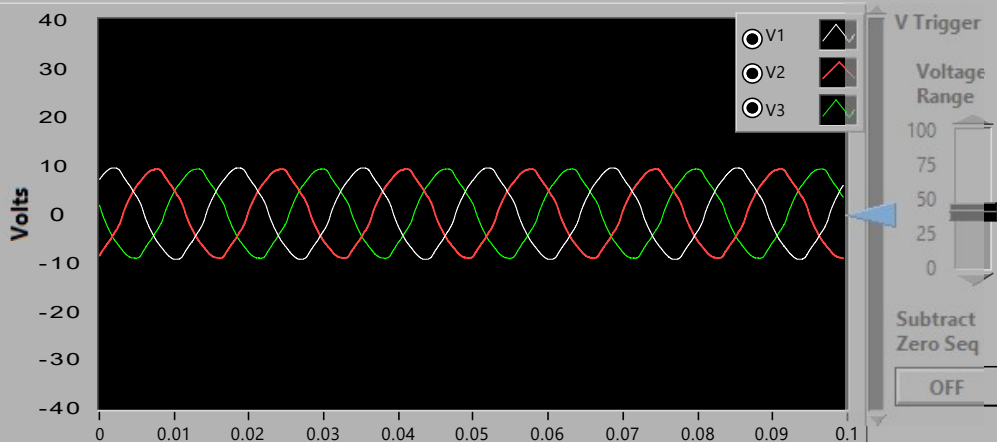
Last modified on 2022-12-02 at 6:43 PM

Printed on 2022-12-02 at 6:43 PM

3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

59.9

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
6.53	5.43	-51.6	21.5
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
6.40	5.32	-57.8	18.2
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
6.40	4.82	-55.2	17.4
Avg V	Avg A	Avg θ	Tot Watt
6.45	5.19	-54.9	57.1

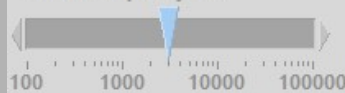
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.34

Zero Torque

RPM (Analog)

906

Zero RPM

Zero current/
torque/speed
while motor is
not running

RPM (Digital)

899

Pause

Save Data

Zoom



Position

