



3 Phase Motor Analysis.vi

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

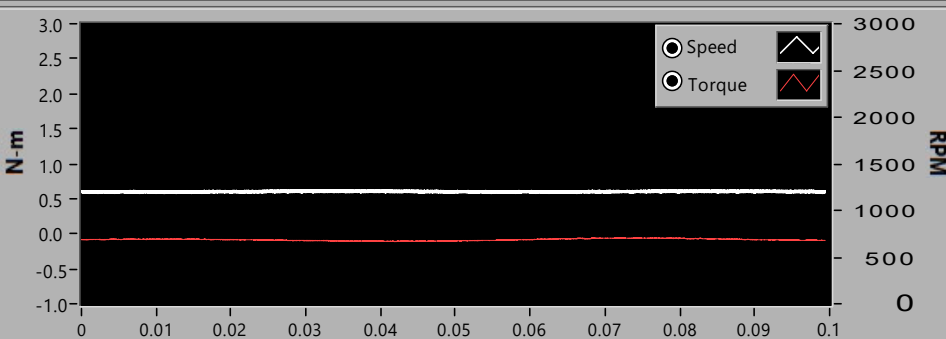
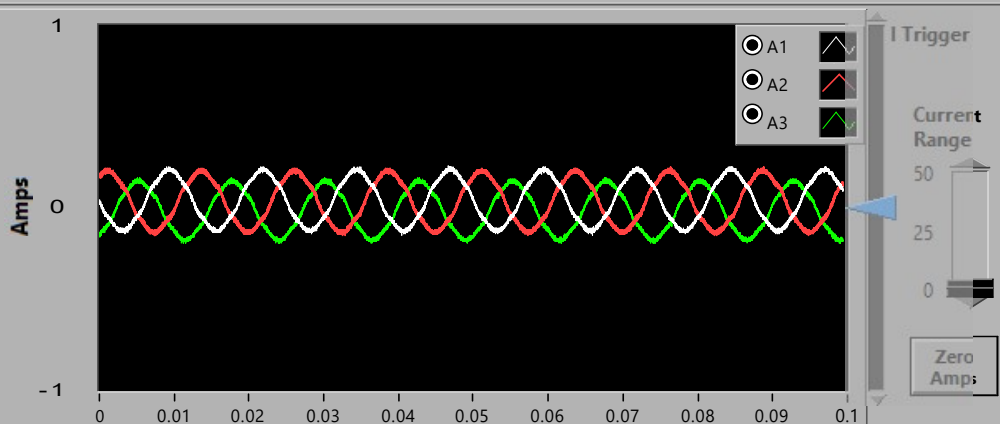
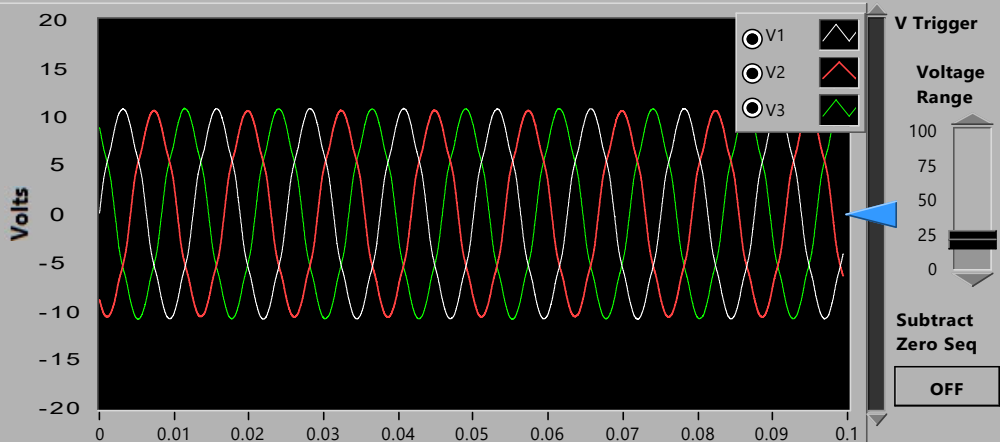
Last modified on 2022-12-02 at 6:19 PM

Printed on 2022-12-02 at 6:19 PM

3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source: Amps ☐ Volts ☒ Fundamental Frequency: 79.9 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
7.46	0.12	-178.5	-0.9
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
7.35	0.12	178.9	-0.9
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
7.47	0.11	178.9	-0.8
Avg V	Avg A	Avg θ	Tot Watt
7.43	0.12	59.8	-2.6

Measurement Window (mS):

Filter: OFF Cutoff Frequency (Hz):

Torque

-0.09

Zero Torque

RPM

(Analog)

1202

Zero RPM

Zero current/
torque/speed
while motor is
not running

RPM
(Digital)

1200

Pause

Save
Data

Zoom

Position