



3 Phase Motor Analysis.vi

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

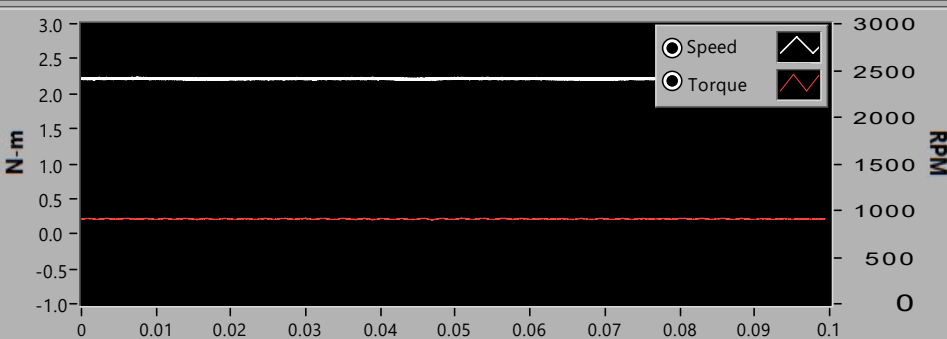
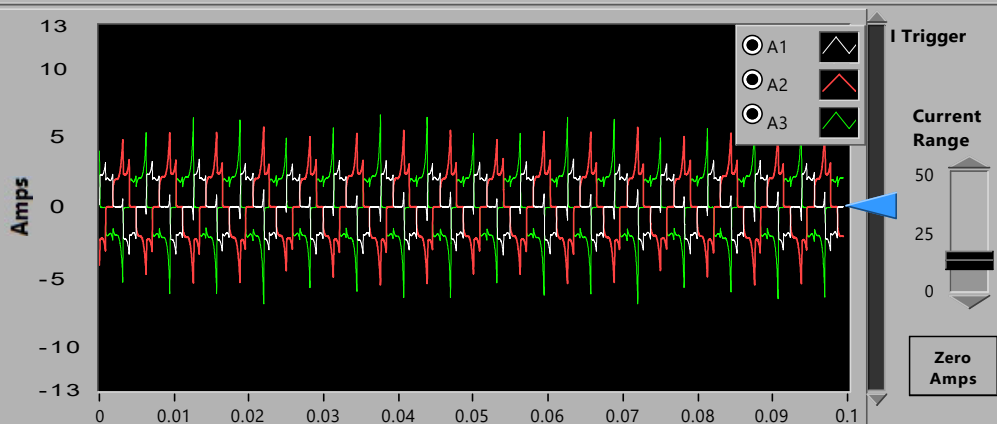
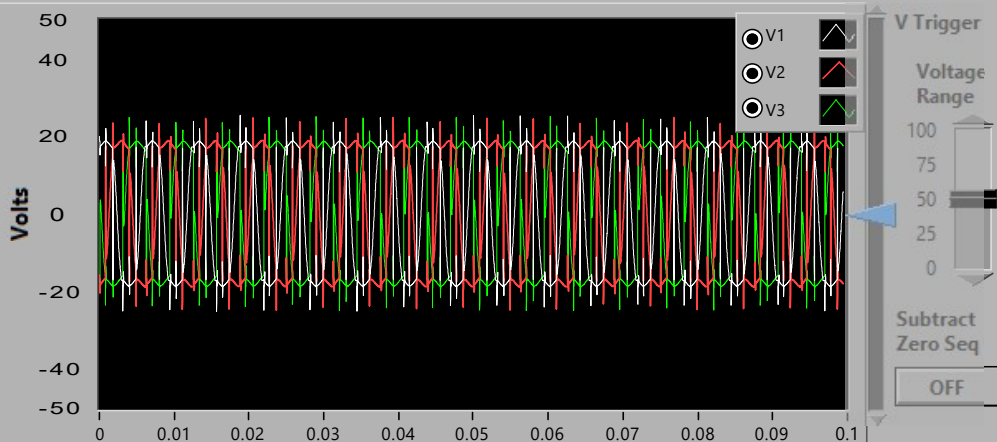
Last modified on 2022-12-02 at 7:02 PM

Printed on 2022-12-02 at 7:02 PM

3 Phase Motor Analysis

Main View

Phasor View



Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

160.0 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
15.53	1.66	-8.7	21.4
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
15.63	2.26	-8.5	31.7
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
16.12	2.27	-27.0	28.7
Avg V	Avg A	Avg θ	Tot Watt
15.76	2.06	-14.7	81.9

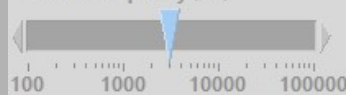
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.21

Zero Torque

RPM (Analog)

2411

Zero RPM

Zero current/
torque/speed
while motor is
not running

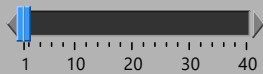
RPM (Digital)

2404

Pause

Save Data

Zoom



Position

