



3 Phase Motor Analysis.vi

C:\Users\Public\Desktop\LabVIEW\_Applications\_2018\3 Phase Motor Analysis.exe\3 Phase Motor Analysis.vi

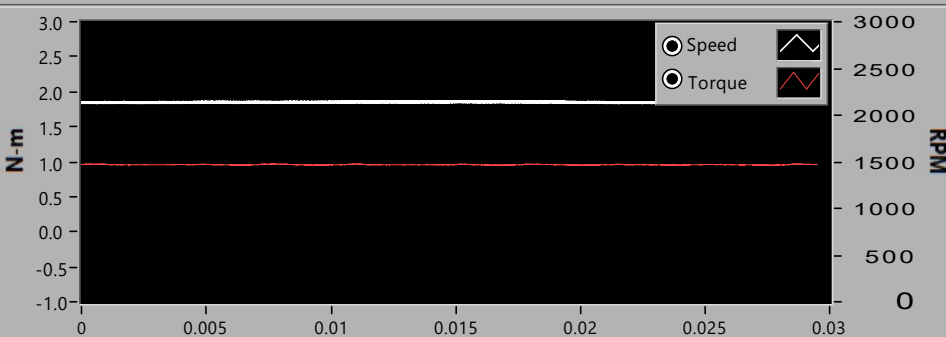
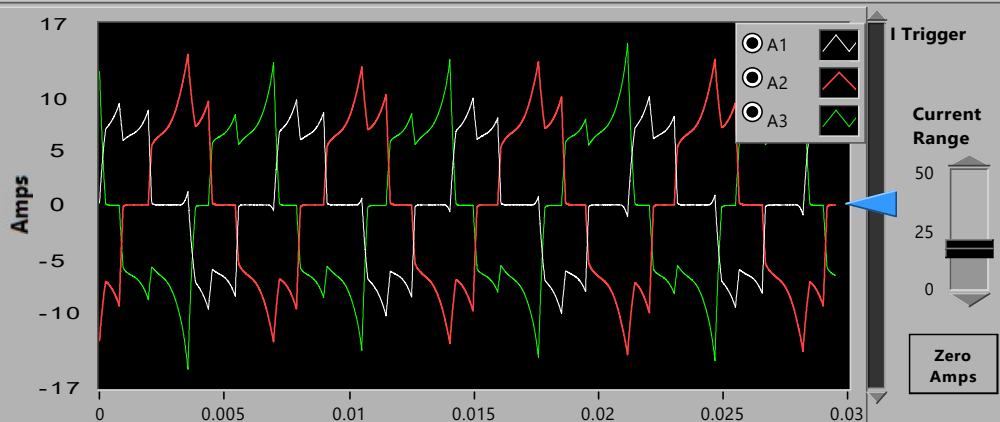
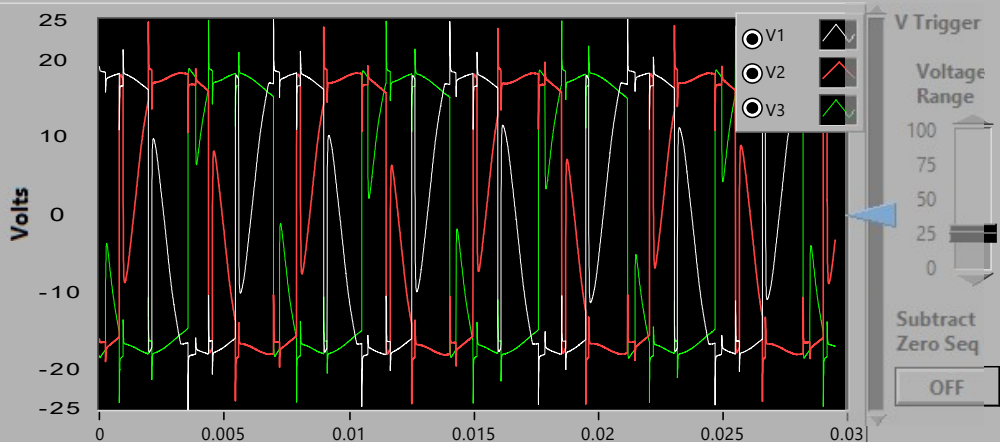
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## 3 Phase Motor Analysis

Main View

Phasor View



### Electrical Measurements

Ch1 Trigger Source

Amps Volts

Fundamental Frequency

142.1 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
15.14	5.45	-20.7	60.8
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
15.33	7.07	-17.5	95.4
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
16.28	7.04	-28.2	87.1
Avg V	Avg A	Avg θ	Tot Watt
15.58	6.52	-22.1	243.2

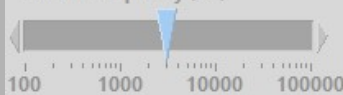
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.96

Zero Torque

RPM (Analog)

2137

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

RPM (Digital)

2129

Pause

Save Data

Zoom



Position

