



3 Phase Motor Analysis.vi

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

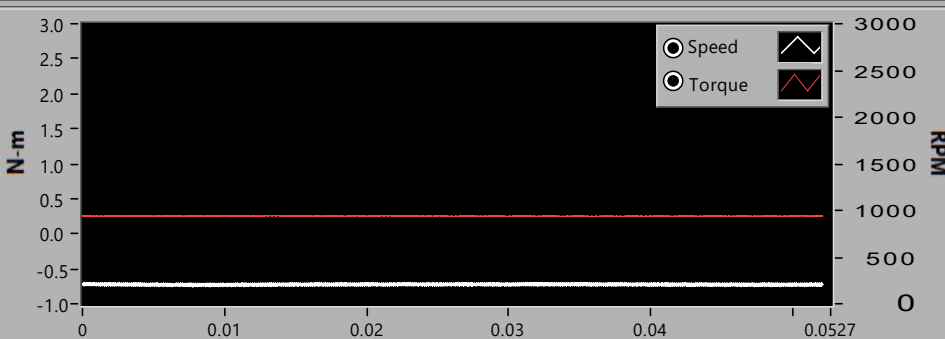
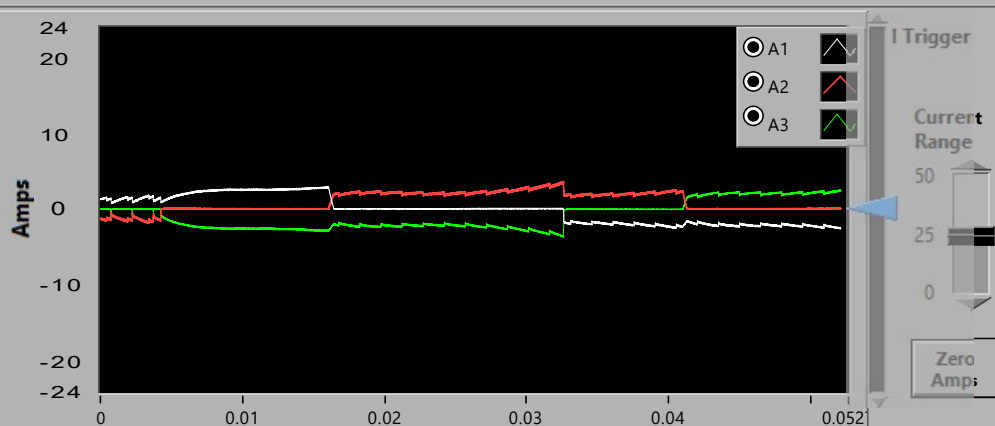
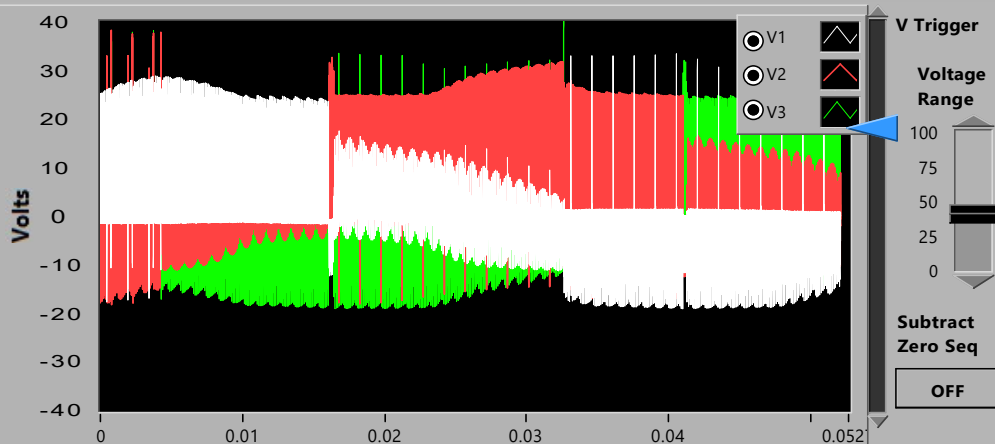
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# 3 Phase Motor Analysis

Main View

Phasor View



## Electrical Measurements

Ch1 Trigger Source

Amps ☐ Volts ☒

Fundamental Frequency

78116.7 Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
7.65	0.00	47.1	0.0
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
6.34	0.00	38.7	4.0
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
4.84	0.00	-6.6	2.5
Avg V	Avg A	Avg θ	Tot Watt
6.28	0.00	26.4	6.6

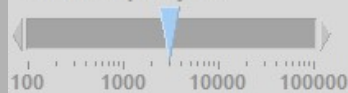
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.25

Zero Torque

RPM (Analog)

204

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

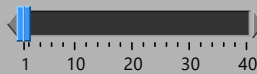
RPM (Digital)

205

Pause

Save Data

Zoom



Position

