



3 Phase Motor Analysis.vi

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

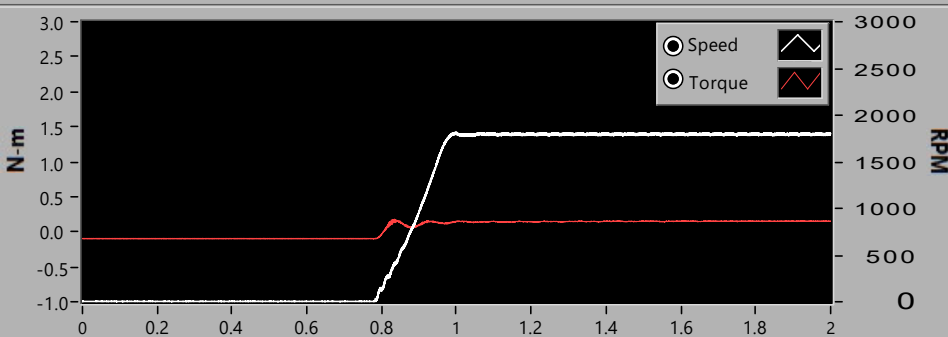
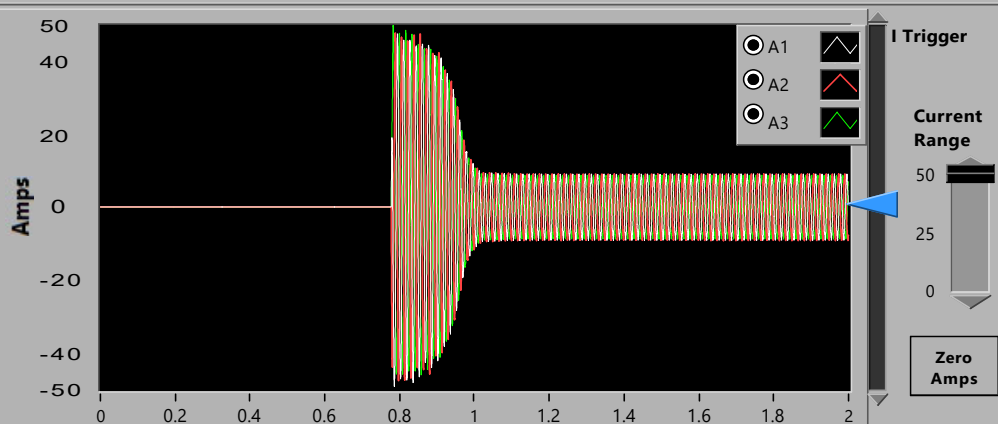
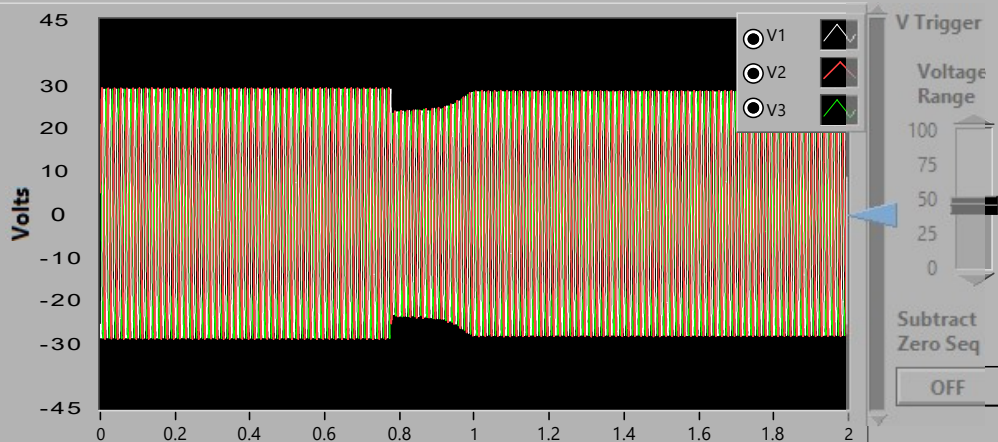
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# 3 Phase Motor Analysis

Main View

Phasor View



## Electrical Measurements

Ch1 Trigger Source

Amps

Volts

Fundamental Frequency

59.8

Hz

V1 RMS	A1 RMS	θ1 (deg)	Ch1 Watts
19.77	33.35	28.2	426.5
V2 RMS	A2 RMS	θ2 (deg)	Ch2 Watts
19.93	33.69	27.7	425.8
V3 RMS	A3 RMS	θ3 (deg)	Ch3 Watts
19.81	33.10	28.8	395.5
Avg V	Avg A	Avg θ	Tot Watt
19.84	33.38	28.3	1247.7

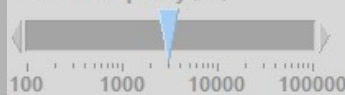
Measurement Window (mS)



Filter

OFF

Cutoff Frequency (Hz)



Torque

0.05

Zero Torque

RPM (Analog)

999

Zero RPM

Zero current/  
torque/speed  
while motor is  
not running

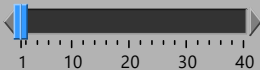
RPM (Digital)

1791

Pause

Save Data

Zoom



Position

