Dynamic Signal Analyzer - NI ELVISmx
LabVIEW
Detected Fundamental Frequency (Hz) 5000.06
Fundamental Frequency Power (Vrms^2) 1.49
Magnitude (dBVrms)
Power Spectrum
Mode
Frequency (Hz)
THD (%) 2.71
SINAD (dB) 27.83
Amplitude (V)
Time (s)
Vpk (V) 1.39
Sample Rate: 80.00 kS/s
Input Settings
Source Channel
SCOPE CH 1
Voltage Range
+/- 10V
FFT Settings
Frequency Span
40000
Resolution (lines)
400
Window
Hamming
Averaging
Mode
RMS
Weighting
Exponential
# of Averages
5
Trigger Settings
Type
Immediate
Slope
Source
TRIG
Level (V)
0
Frequency Display
Units
dB
Mode
RMS
Averaging
Restart
Scale Settings
Scale
Auto
Maximum
0.000
Minimum
0.000
Instrument Control
Device
Dev3 (NI ELVIS II+)
Acquisition Mode
Run Continuously
Run
Stop
Log
Help
Cursor Settings
Cursors On
C1
Real
C2
Real
Cursor Select
C 1
Position
Left
Right